

Vida Dujmović

Curriculum Vitae

100 Hinchey Avenue #1213
Ottawa, ON K1Y
(514) 991-0093

School of Computer Science
Carleton University
5302 Herzberg Laboratories
1125 Colonel By Drive
Ottawa, Ontario, K1S 5B6
vida@cs.mcgill.ca
<http://cgm.cs.mcgill.ca/~vida/>

Education

PhD Computer Science 2004
McGill University, Montreal, Quebec NSERC Doctoral Prize
Thesis Title: *“Track layouts of graphs”*

MSc Computer Science 2000
McGill University, Montreal, Quebec
Thesis Title: *“Algorithmic aspects of planar map validation by a mobile agent”*

Honors Bachelor of Engineering 1996
Faculty of Electrical and Computer Engineering, University of Zagreb, Croatia
Major: Telecommunications and Computer Science
Thesis Title: *“Reliability of series-parallel telecommunication networks”*

Awards and Honours

- 2005: NSERC¹ Doctoral Prize. Awarded annually for the best PhD thesis and research in Canada, 1 of 4 awards (includes a cash award of \$10,000).
- 2004: D.W. Ambridge Prize for McGill’s Outstanding PhD Graduate in Science and Engineering (includes a cash award of \$1,000).
- 2004: Dean’s Honor List, PhD program, McGill University.
- 2000: Dean’s Honor List, MSc program, McGill University.
- 1995: Commendation for outstanding academic performance (awarded to one student in the department - class of 110), Faculty of Electrical and Computer Engineering, University of Zagreb, Croatia.

Research Funding

- 2010 Endeavour Research Fellowship, Australian Government. (\$23,000/6 months)
- 2009-2010: Ministry of Research and Innovation Fellowship, Ontario Government. (\$50,000/year)
- 2006-2007: CRM²–ISM³ Postdoctoral Fellowship (\$38,000/year).
- 2004-2006: NSERC Postdoctoral Fellowship (\$40,000/year).
- 2004-2006: FQRNT⁴ Postdoctoral Fellowship (\$30,000/year) - declined.
- Fall 2005: FNRS⁵, Postdoctoral-Visitor Fellowship (\$5,000/2 months).
- Fall 2004: Consulat général de France à Québec, Postdoctoral-Visitor Fellowship (\$6,000/2 months).
- 2001-2003: FQRNT Doctoral Scholarship (\$20,000/year).
- November 2000: ACM-SIAM Student Travel Award (\$500).
- 1997-1998: World University Service of Canada scholarship (\$12,000/year).

¹Natural Sciences and Engineering Research Council of Canada

²Centre de Recherches Mathématiques

³Institut des Sciences Mathématiques

⁴Le Fonds Québécois de la Recherche sur la Nature et les Technologies, formerly know as FCAR

⁵Fonds de la Recherche Scientifique, Belgium

Academic Positions Held

Carleton University, School of Computer Science, Ottawa, Ontario, and
McGill University, School of Computer Science, Montreal, Quebec
Research Fellow

September 2007 – Present

McGill University, Department of Mathematics and Statistics, Montreal, Quebec
CRM-ISM Research Fellow

July 2006 – August 2007

Carleton University, School of Computer Science, Ottawa, Ontario
NSERC Postdoctoral Fellow

April 2004 – June 2006

FNRS and Département d'Informatique, Université Libre de Bruxelles, Brussels, Belgium
Postdoctoral Visitor

September 2005 – November 2005

INRIA (l'Institut National de Recherche en Informatique et en Automatique), Sophia Antipolis, France
Postdoctoral Visitor

October 2004 – December 2004

Publications (in reverse chronological order)

Articles Under Review and Preprints

- [1] P. Bose, K. Douieb, V. Dujmović, and J. Howat, “Layered Working-Set Trees”. Submitted to *ACM Transactions on Algorithms*, in March, 2010.
- [2] V. Dujmović, J. Gudmundsson, P. Morin, and T. Wolle, “Notes on large angle crossing graphs”. Submitted to *Chicago Journal of Theoretical Computer Science*, in March 2010.
- [3] D. Chen, L. Devroye, V. Dujmović, and P. Morin, “Memoryless Routing in Convex Subdivisions: Random Walks Are Optimal”. Submitted to *Computational Geometry: Theory and Applications*, in November 2009.
- [4] V. Dujmović, and D. R. Wood, “On the book thickness of k -trees”. Submitted to *The Electronic Journal of Combinatorics* in December 2009.
- [5] G. Aloupis, E. D. Demaine, M. L. Demaine, V. Dujmović, J. Iacono, “Meshes Preserving Minimum Feature Size”. Preprint, November 2009.
- [6] V. Dujmović, G. Fijavz, G. Joret and D. R. Wood, “On the maximum number of cliques in a graph embedded in a surface”. Submitted to the *European Journal of Combinatorics*, in June 2009.
- [7] S. Collette, V. Dujmović, J. Iacono, S. Langerman, and P. Morin, “Entropy, triangulation, and point location in planar subdivisions”. Submitted to *ACM Transactions on Algorithms*, in March 2009.
- [8] G. Aloupis, P. Bose, V. Dujmović, C. Gray, S. Langerman, and B. Speckmann “Guarding fat polygons and triangulating guarded polygons”. Submitted to *Computational Geometry: Theory and Applications*, in September, 2008.
- [9] V. Dujmović and S. Whitesides, “Three-dimensional drawing algorithms”, Invited Chapter in *Handbook of Graph Drawing and Visualization*, Roberto Tamassia Editor, CRC Press. To appear. Preprint at <http://www.cs.brown.edu/~rt/gdhandbook/contents.html>

Articles Accepted in Refereed Journals

- [10] P. Bose, O. Cheong, and V. Dujmović, “A note on the perimeter of fat objects”. *Computational Geometry: Theory and Applications*, to appear.

- [11] V. Dujmović, J. Howat, and P. Morin, “Biased Range Trees”. *Algorithmica*, to appear.
- [12] Z. Abel, B. Ballinger, P. Bose, S. Collette, V. Dujmović, F. Hurtado, S. D. Kominers, S. Langerman, A. Pór, and D. R. Wood, “Every large point set contains many collinear points or an empty pentagon”. Accepted to *Graphs and Combinatorics*, in June, 2010.
- [13] P. Bose, V. Dujmović, F. Hurtado, S. Langerman, P. Morin, and D. R. Wood, “A polynomial bound for untangling geometric planar graphs”. *Discrete and Computational Geometry*, vol. 42(4), pp. 570–585, 2009.
- [14] P. Carmi, V. Dujmović, P. Morin, and D. R. Wood, “Distinct distances in graph drawings”. *The Electronic Journal of Combinatorics*, 15:R107, 2008.
- [15] P. Bose, V. Dujmović, D. Krizanc, S. Langerman, P. Morin, D. R. Wood and S. Wührer, “A characterization of the degree sequences of 2-Trees”, *Journal of Graph Theory*, vol. 58(3), pp. 191-209, 2008.
- [16] V. Dujmović, and D. R. Wood, “Graph treewidth and geometric thickness parameters”, *Discrete and Computational Geometry*, vol. 37(4), pp. 641–670, 2007.
- [17] P. Bose, V. Dujmović, F. Hurtado and P. Morin, “Connectivity-preserving transformations of binary Images”, *Computer Vision and Image Understanding*. Special issue dedicated to the memory of Azriel Rosenfeld, vol. 6(2), pp. 313-323, 2008.
- [18] V. Dujmović, M. Fellows, M. Kitching and G. Liotta and C. McCartin, N. Nishimura, P. Ragde, F. Rosemand, S. Whitesides, and D. R. Wood, “On the parameterized complexity of layered graph drawing”, *Algorithmica*, vol. 52(2), pp. 267-292, 2008.
- [19] V. Dujmović, D. Eppstein, M. Suderman and D. R. Wood, “Drawings of planar graphs with few slopes and segments”, *Computational Geometry: Theory and Applications*, vol. 38, pp. 194–212, 2007.
- [20] V. Dujmović, M. Suderman and D. R. Wood, “Graph drawings with few slopes”, *Computational Geometry: Theory and Applications*, vol. 38, pp. 181–193, 2007.
- [21] V. Dujmović, H. Fernau and M. Kaufmann, “Fixed parameter algorithms for one-sided crossing minimization – revisited”, *Journal of Discrete Algorithms*, vol. 6(2), Issue 2, 313–323, 2008.
- [22] H. Brönnimann, O. Devillers, V. Dujmović, H. Everett, M. Glisse, X. Goaoc, S. Lazard, H.-S. Na, S. Whitesides, “On the number of maximal free line segments tangent to arbitrary three-dimensional convex polyhedra”, *SIAM Journal on Computing*, vol. 37(2), pp. 522–551, 2007.
- [23] V. Dujmović, and D. R. Wood, “Upward three-dimensional grid drawings of graphs”, *Order*, vol. 23, pp. 1–20, 2006.
- [24] O. Devillers, V. Dujmović, H. Everett, S. Hornus, S. Whitesides and S. Wismath, “Maintaining visibility information of planar point sets with a moving viewpoint”, *International Journal of Computational Geometry and Applications*, vol. 17(4), pp. 297–304, 2007.
- [25] P. Bose, V. Dujmović and D. R. Wood, “Induced subgraphs of bounded degree and bounded treewidth”, *Contributions to Discrete Mathematics*, vol 1(1), pp. 88–105, 2006.
- [26] V. Dujmović, and D. R. Wood, “Stacks, queues and tracks: Layouts of graph subdivisions”, *Discrete Mathematics and Theoretical Computer Science*, vol 7, pp. 155–202, 2005.
- [27] V. Dujmović, P. Morin, and D. R. Wood, “Layout of graphs with bounded tree-width”, *SIAM Journal on Computing*, vol. 34 (3), pp. 553–579, 2005.
- [28] V. Dujmović, M. Fellows, M. Hallett, M. Kitching, G. Liotta, C. McCartin, N. Nishimura, P. Ragde, F. Rosamond, M. Suderman, S. Whitesides, and D. R. Wood , “A fixed-parameter approach to two layer planarization”, *Algorithmica*, vol 45. pp. 159-182, 2006.

- [29] V. Dujmović, A. Pór, and D. R. Wood, “Track layouts of graphs”, *Discrete Mathematics and Theoretical Computer Science*, vol. 6(2), pp. 497–522, 2004.
- [30] V. Dujmović, and D. R. Wood, “On linear layouts of graphs”, *Discrete Mathematics and Theoretical Computer Science*, vol. 6(2), pp. 339–358, 2004.
- [31] V. Dujmović and S. Whitesides, “An efficient fixed Parameter tractable algorithm for 1-sided crossing minimization”, *Algorithmica*, vol. 40(1), pp. 15–31, 2004.
- [32] O. Devillers, V. Dujmović, H. Everett, X. Goaoc, S. Lazard, H.-S. Na, and S. Petitjean. “The expected number of 3D visibility events is linear”, *SIAM Journal on Computing*, vol. 32(6), pp. 1586–1620, 2003.
- [33] O. Aichholzer, C. Cortés, V. Dujmović, E. Demaine, J. Erickson, H. Meijer, M. Overmars, B. Palop, S. Ramaswami, and G. Toussaint, “Flipturning polygons”, *Discrete and Computational Geometry*, vol. 28, pp. 231–253, 2002.

Articles in Edited Books

- [34] V. Dujmović, and D. R. Wood, “Three-dimensional grid drawings with sub-quadratic volume”, In *Towards a Theory of Geometric Graphs* (János Pach, ed.), Contemporary Mathematics, vol. 342, pp. 55–66, American Mathematical Society, 2004.

Articles Published in Refereed Conference Proceedings

- [35] V. Dujmović, W. Evans, S. Kobourov, G. Liotta, C. Weibel, and S. Wismath. “On Graphs Supported by Line Sets”. In *Proceedings. 18th International Symposium on Graph Drawing, (GD’10)*, to appear.
- [36] P. Bose, K. Douieb, V. Dujmović, and R. Fagerberg, “An $O(\log \log n)$ -Competitive Binary Search Tree with Optimal Worst-Case Access Times”. In *Proceedings 12th Scandinavian Symposium and Workshops on Algorithm Theory, (SWAT’10)*, pp. 38–49, 2010.
- [37] P. Bose, K. Douieb, V. Dujmović, and J. Howat, “Layered Working-Set Trees”. In *Proceedings of the Latin American Theoretical Informatics Symposium (LATIN’10)*, pp. 686–696, 2010. (full paper in [1])
- [38] V. Dujmović, J. Gudmundsson, P. Morin, and T. Wolle, “Notes on large angle crossing graphs”. In *Computing: The Australasian Theory Symposium (CATS)*, 2010. (full paper in [2])
- [39] V. Dujmović, J. Howat, and P. Morin, “Biased Range Trees”. In *Proceedings of the 20th ACM-SIAM Symposium on Discrete Algorithms (SODA’09)*, pp. 486–496, 2009. (full paper in [11])
- [40] V. Dujmović, K. Kawarabayashi, B. Mohar and D. R. Wood, “Improved upper bounds on the crossing number”. In *Proceedings of the 24th ACM Symposium on Computational Geometry (SoCG’08)*, pp. 375–384, 2008.
- [41] S. Collette, V. Dujmović, J. Iacono, S. Langerman, and P. Morin, “Distribution-sensitive point location in convex subdivisions”, In *Proceedings of the 19th ACM-SIAM Symposium on Discrete Algorithms (SODA’08)*, pp. 912–921, 2008.
- [42] P. Bose, V. Dujmović, F. Hurtado, S. Langerman, P. Morin, and D. R. Wood, “A polynomial bound for untangling geometric planar graphs”. In *Proceedings of Topological and Geometric Graph Theory (TGGT’08)*. Electronic Notes in Discrete Mathematics, vol. 31, pp. 213–218, 2008. (full paper in [13])

- [43] P. Bose, V. Dujmović, D. Krizanc, S. Langerman, P. Morin, D. R. Wood and S. Wuhner, “A characterization of the degree sequences of 2-trees”, In *Proceedings of the Workshop on Analytic Algorithms and Combinatorics (ANALCO’07)*, (full paper in [15])
- [44] V. Dujmović, and D. R. Wood, “Graph treewidth and geometric thickness parameters”, In *Proceedings of the 13th International Symposium on Graph Drawing (GD’05)*, vol.3843 of LNCS, pp.129–140, 2006. (full paper in [16])
- [45] P. Bose, V. Dujmović and D. R. Wood, “Induced subgraphs of bounded degree and bounded treewidth”, In *Proceedings of the 31st Workshop on Graph Theoretic Concepts in Computer Science (WG’05)*, vol. 3787 of LNCS, pp. 175–186, 2005. (full paper in [25])
- [46] V. Dujmović and D. R. Wood, “Layouts of graph subdivisions”, In *Proceedings of the 12th International Symposium on Graph Drawing (GD’04)*, vol. 3383 of LNCS, pp. 133–143, 2004. (full paper in [26])
- [47] V. Dujmović, M. Suderman and D. R. Wood, “Really straight graph drawings”, In *Proceedings of the 12th International Symposium on Graph Drawing (GD’04)*, vol. 3383 of LNCS, pp. 122–132, 2004. (full paper in [19] and [20])
- [48] H. Brönnimann, O. Devillers, V. Dujmović, H. Everett, M. Glisse, X. Goaoc, S. Lazard, H.-S. Na, S. Whitesides, “The number of lines tangent to arbitrary convex polyhedra in 3D”, In *Proceedings of the 20th ACM Symposium on Computational Geometry (SoCG’04)*, pp. 46–55, 2004. (full paper in [22])
- [49] V. Dujmović and D. R. Wood, “Three-dimensional grid drawings with sub-quadratic volume”, In *Proceedings of the 11th International Symposium on Graph Drawing (GD’03)*, vol. 2912 of LNCS, pp. 190–201, 2003. (full paper in [35])
- [50] V. Dujmović, H. Fernau and M. Kaufmann, “Fixed parameter algorithms for one-sided crossing minimization revisited”, In *Proceedings of the 11th International Symposium on Graph Drawing (GD’03)*, vol. 2912 of LNCS, pp. 332–344, 2003. (full paper in [22])
- [51] V. Dujmović and D. R. Wood, “Tree-partitions of k -trees with applications in graph layout”, In *Proceedings of the 29th Workshop on Graph Theoretic Concepts in Computer Science (WG’03)*, vol. 2880 of LNCS, pp. 205–217, 2003. (full paper in [28])
- [52] V. Dujmović and S. Whitesides. “An efficient fixed parameter tractable algorithm for 1-sided crossing minimization”, in *10th Int. Symp. on Graph Drawing (GD’02)*, vol. 2528 of LNCS, pp. 118–130, 2002. (full paper in [32])
- [53] V. Dujmović, P. Morin, and D. R. Wood. “Path-width and three-dimensional straight-line grid drawing of graphs”, In *Proceedings of the 10th International Symposium on Graph Drawing (GD’02)*, vol. 2528 of LNCS, pp. 42–53, 2002. (full paper in [28])
- [54] G. Aloupis, E. Demaine, V. Dujmović, J. Erickson, S. Langerman, H. Meijer, I. Streinu, J. O’Rourke, M. Overmars, M. Soss, and G. Toussaint, “Flat-state connectivity of linkages under dihedral motions”, In *Proceedings of the 13th International Symposium on Algorithms and Computation (ISAAC’02)*, vol.2518 of LNCS, pp. 369–380, 2002.
- [55] V. Dujmović and S. Whitesides, “On validating planar worlds”, In *Proceedings of the 12th ACM-SIAM Symposium on Discrete Algorithms (SODA’01)*, pp. 791–792, 2001.
- [56] V. Dujmović, M. Fellows, M. Hallett, M. Kitching, G. Liotta, C. McCartin, N. Nishimura, P. Ragde, F. Rosamond, M. Suderman, S. Whitesides, and D. R. Wood , “A fixed-parameter approach to two layer planarization”, In *Proceedings of the 9th International Symposium on Graph Drawing (GD’01)*, vol. 2265 of LNCS, pp. 1–15, 2001. (full paper in [29])

- [57] V. Dujmović, M. Fellows, M. Hallett, M. Kitching and G. Liotta and C. McCartin, N. Nishimura, P. Ragde, F. Rosemand, M. Suderman, S. Whitesides, and D. R. Wood, “On the parameterized complexity of layered graph drawing”, In *Proceedings of the 9th European Symposium on Algorithms (ESA’01)*, vol.2161 of LNCS, pp. 488–499, 2001. (full paper in [19])
- [58] I. Rekleitis, V. Dujmović, and G. Dudek, “Efficient topological exploration”, In *Proceedings of IEEE International Conference in Robotics and Automation (ICRA ’99)*, pp. 676–681, 1999.

Conference Abstracts

- [59] P. Bose, O. Cheong, V. Dujmović, “On the perimeter of fat objects”. In *Proceedings of the 22th Canadian Conference on Computational Geometry (CCCG’10)*, 2010, to appear. (full paper in [10])
- [60] P. Bose, K. Douieb, V. Dujmović, J. Howat, P. Morin, “Fast Local Searches and Updates in Bounded Universes”. In *Proceedings of the 22th Canadian Conference on Computational Geometry (CCCG’10)*, 2010, to appear.
- [61] D. Charlton, E. D. Demaine, M. L. Demaine, V. Dujmović, P. Morin, R. Uehara, “Ghost Chimneys”. In *Proceedings of the 22th Canadian Conference on Computational Geometry (CCCG’10)*, 2010, to appear.
- [62] D. Chen, L. Devroye, V. Dujmović, and P. Morin, “Memoryless Routing in Convex Subdivisions: Random Walks Are Optimal”. In *Proceedings of the 26th European Workshop on Computational Geometry (EuroCG’10)*, to appear. (full paper in [3])
- [63] Z. Abel, B. Ballinger, P. Bose, S. Collette, V. Dujmović, F. Hurtado, S. D. Kominers, S. Langerman, A. Pór, and D. R. Wood, “Every large point set contains many collinear points or an empty pentagon”. In *Proceedings of the 21st Canadian Conference on Computational Geometry (CCCG’09)*, pp. 99-102, 2009. (full paper in [12])
- [64] G. Aloupis, P. Bose, V. Dujmović, C. Gray, S. Langerman, and B. Speckmann “Triangulating and Guarding Realistic Polygons”. In *Proceedings of the 20th Canadian Conference on Computational Geometry (CCCG’08)*, pp. 107–110, 2008. (full paper in [8])
- [65] M. Damian, E. Demaine, M. Demaine, V. Dujmović, D. El-Khechen, R. Flatland, J. Iacono, S. Langerman, H. Meijer, S. Ramaswami, D. Souvaine, P. Taslakian and G. Toussaint, “Curves in the sand: algorithmic drawing”. In *Proceedings of the 18th Canadian Conference on Computational Geometry (CCCG’06)*, pp. 11–15, 2006.
- [66] O. Devillers, V. Dujmović, H. Everett, S. Hornus, S. Whitesides and S. Wismath, “Maintaining visibility information of planar point sets with a moving viewpoint”, In *Proceedings of the 17th Canadian Conference on Computational Geometry (CCCG’05)*, pp. 302–305, 2005. (full paper in [24])
- [67] H. Brönnimann, O. Devillers, V. Dujmovi, H. Everett, M. Glisse, X. Goaoc, S. Lazard, H.-S. Na, S. Whitesides. “On the number of lines tangent to four convex polyhedra”, In *Proceedings of the 14th Canadian Conf. on Computational Geometry (CCCG’02)*, pp. 113-117, 2002.
- [68] O. Aichholzer, C. Cortés, V. Dujmović, E. Demaine, J. Erickson, H. Meijer, M. Overmars, B. Palop, S. Ramaswami, and G. Toussaint, “Flipping polygons”, In *Proceedings of the Japan Conference on Discrete and Computational Geometry (JCDCG’00)*, pp. 107-108, 2000. (full paper in [33])

Professional Duties

Editor: Journal of Computational Geometry (JoCG)

Program Committees:

- 2008 Canadian Conference on Computational Geometry (CCCG)
- 2007 Canadian Conference on Computational Geometry (CCCG)
- 2006 International Symposium on Graph Drawing (GD)

Refereeing:

Journals: SIAM Journal of Computing, Discrete & Computational Geometry, Journal of Graph Theory, ACM Transactions on Algorithms, Algorithmica, Random Structures and Algorithms, Information Processing Letters, Discrete Applied Mathematics, Discrete Mathematics, Computational Geometry: Theory and Applications, Journal of Graph Algorithms and Applications, Discrete Mathematics and Theoretical Computer Science, International Journal of Foundations of Computer Science on Graph Drawing

Conferences: SODA, STACS, SoCG, ESA, SWAT, GD, COCOA, ISAAC, SOFSEM, CCCG.

Invited Research Workshops

- *September 2008 & 2010:* Graph Minors Workshop at Banff International Research Station for Mathematical Innovation and Discovery (BIRS), organized by Ken-ichi Kawarabayashi, Bojan Mohar, Bruce Reed, and Paul Seymour.
- *June 2009:* International Workshop on Discrete and Computational Geometry, JAIST (Japan Advanced Institute of Science and Technology), Japan, organized by Tetsuo Asano.
- *2000–2010:* Annual Winter Workshop on Computational Geometry, Bellairs Research Institute of McGill University, Barbados, organized by Godfried Toussaint.
- *2006–2010:* Workshop on Probability and Combinatorics, Bellairs Research Institute of McGill University, Barbados, organized by Luc Devroye and Bruce Reed.
- *June 2008:* The 11th Korean Workshop on Computational Geometry, POSTECH, South Korea, organized by Hee-Kap Ahn, Otfried Cheong, Antoine Vigneron.
- *February 2008:* The 2nd Workshop on Graph Searching, Theory and Applications (GRASTA), Brazil, organized by Claudia Sales and Bruce Reed.
- *July 2005:* Carleton-Eindhoven Workshop on Computational Geometry, organized by Prosenjit Bose and Mark de Berg.
- *May 2004:* The 3rd McGill-INRIA Workshop on Computational Geometry in Computer Graphics, Ile d' Oléron, France, organized by Hazel Everett and Sylvain Lazard.
- *1999–2004:* Annual workshops at the Bellairs Research Institute of McGill University, Barbados, organized by Sue Whitesides.
- *2003–2004:* 2nd and 3rd Cuban Workshop on Algorithms and Data Structures, Universidad de la Habana, Cuba, organized by Antonio Mesa and Godfried Toussaint.
- *May 2002:* NSF/CBMS Regional Research Conference on Geometric Graph Theory, University of North Texas, organized by Farhad Shahrokhi.

Other Events

- *December 2008*: Workshop on Algorithmic Mathematics at CMS Winter Meeting, Ottawa, invited speaker.
- *September 2007*: Discrete Mathematics Days of the Northeast, Middlebury, USA, invited speaker.
- *October 2006*: Freie University, Berlin, Germany, visiting Helmut Alt and Christian Knauer.
- *September 2006*: Universitat Politècnica de Catalunya, Spain, visiting Ferran Hurtado and David R. Wood.
- *September-October 2001*: INRIA-Lorraine, Nancy, France, visiting Hazel Everett and Sylvain Lazard.

Other Relevant Employment

McGill University, School of Computer Science, Montreal, Quebec

Teaching Assistant

January 1999 - December 2003

COMP-648 Motion Planning and Robotics

COMP-560 Graph Algorithms and applications

COMP-360 Algorithm design techniques

COMP-310 Operating Systems

McGill University, School of Computer Science, Montreal, Quebec

Consultant in Computer Science Labs

January 1998 - September 2000

Ericsson Research Canada, Montreal

Software Designer

April 1998 - September 1998

Ericsson, Zagreb, Croatia

Software Designer

March 1996 - January 1997

Languages

Fluent in Croatian and English. Advanced knowledge of German. Rudimentary knowledge of French.

Citizen of

Canada, Bosnia and Herzegovina, Croatia