

Kevin A. Wortman

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Education

University of California, Irvine, Ph.D. candidate, Computer Science.

Advisor: David Eppstein

University of California, Irvine, M.S., Information and Computer Science, 2004.

Concentration: Algorithms and Data Structures.

University of Massachusetts, Amherst, B.S., cum laude, 2002.

Majors: Computer Science, Mathematics.

Employment

Engineering Co-Op, Unisys, Mission Viejo, California. July 2008 to present.

Research Assistant, Department of Computer Science, U.C. Irvine, under David Eppstein. August to January 2008.

Engineering Intern, Google, Mountain View, California. June to August 2005; January 2006 to August 2007.

Teaching Assistant, Donald Bren School of Information and Computer Sciences, U.C. Irvine.

- Honors Intro. to CS I, Fall 2005, instructor: David G. Kay.
- Honors Intro. to CS III, Spring 2004, instructor: Eric Mjolsness.
- Honors Intro. to CS II, Winter 2004, instructor: Sandy Irani.
- Formal Languages and Automata, Fall 2003, instructor: David Eppstein.
- Engineering Data Structures, Spring 2003, instructor: Michael Goodrich.
- Honors Intro. to CS III (H23), Winter 2003, instructor: George Lueker.

Summer Research Staff, MIT Lincoln Laboratory, Lexington, Massachusetts, Summer 2002.

Undergraduate Research Assistant, Laboratory for Advanced Software Engineering Research, Amherst, Massachusetts, June 2000 to December 2001.

Intern, Tektronix, Chelmsford, Massachusetts, Summers of 1997, 1998, and 1999.

Publications

Invited Journal Articles

1. D. Eppstein and K. A. Wortman, "Minimum Dilation Stars," *Computational Geometry: Theory and Applications*, v. 37, i. 1, pp. 27-37, 2007. Preliminary conference version listed below.

Conference Proceedings

1. D. Eppstein and K.A. Wortman, "Minimum Dilation Stars," *ACM Symposium on Computational Geometry (SoCG)*, Pisa, Italy pp. 321-326, 2005. Final journal version listed above.

Submitted Manuscripts

1. M. Dickerson, D. Eppstein and K. A. Wortman, "Dilation, Smoothed Distance, and Minimization Diagrams of Convex Functions."
2. D. Eppstein and K. A. Wortman, "Optimal Angular Resolution for Face-Symmetric Drawings."
3. D. Eppstein and K. A. Wortman, "Optimal Embedding Into Star Metrics."
4. J. Augustine, D. Eppstein and K. A. Wortman, "Approximate Weighted Farthest Neighbors and Minimum Dilation Stars. "

Service

External Reviewer, ISAAC 2008, J. Algorithms, ACM TALG.

Council Representative, Associated Graduate Students, U.C. Irvine. 2004-2005 and 2006-2007 academic years.

Awards

GAANN Fellow, 2004-2005 academic year.

UMass Amherst Computer Science Talent Advancement Program, 1998-1999 academic year.