

David Kitchin

<http://www.cs.utexas.edu/~dkitchin/>
dkitchin@cs.utexas.edu

Department of Computer Sciences
The University of Texas at Austin
1 University Station [C0500]
Austin, TX 78712

Education

[University of Texas at Austin](#)

PhD student in Computer Science
Advisor: Jayadev Misra

Austin, TX
2004 - present

[Carnegie Mellon University](#)

Bachelor of Science in Computer Science
with additional major in Cognitive Science

Pittsburgh, PA
2000 - 2003

Publications

[The Orc Programming Language](#)

David Kitchin, Adrian Quark, William Cook and Jayadev Misra
FMOODS/FORTE 2009 Invited Paper

[A Language for Task Orchestration and its Semantic Properties](#)

David Kitchin, William R. Cook and Jayadev Misra
Proc. of the International Conference on Concurrency Theory
(CONCUR), 2006

[A Timed Semantics of Orc](#)

Ian Wehrman, David Kitchin, William R. Cook. Jayadev Misra
Journal of Theoretical Computer Science, August 2008

[Event Structure Semantics of Orc](#)

Sidney Rosario, David Kitchin, Albert Benveniste, William Cook, Stefan Haar, Claude Jard
4th International Workshop on Web Services and Formal Methods (WS-FM), 2007

[Quicksort: Combining Concurrency, Recursion, and Mutable Data Structures](#)

David Kitchin, Adrian Quark, and Jayadev Misra
Submitted to a Festschrift in honor of Tony Hoare on his 75th birthday

Fellowships

[Microelectronics and Computer Development Fellowship](#), UT Austin, 2004-2008.

Appointments

Graduate Research Assistant

University of Texas at Austin

[Orc Research Group](#)

Advisors: Jayadev Misra and William Cook

Austin, TX
2007 - present

Undergraduate Research Assistant

Carnegie Mellon University

[ALADDIN Research Group](#), REU [summer program](#)

Advisor: Lenore Blum

Pittsburgh, PA
Summer 2002

Teaching

Graduate Teaching Assistant

University of Texas at Austin

CS 307: *Introduction to Computing*

CS 345H: *Undergraduate Programming Languages*

CS 386L: *Graduate Programming Languages*

CS 395T: *Computation Orchestration*

Austin, TX
2005-2007

Undergraduate Teaching Assistant

Carnegie Mellon University

15-212: *Principles of Programming*

85-211: *Cognitive Psychology*

Pittsburgh, PA
2003-2004

Activities

[University of Oregon Programming Languages Summer School](#)

Student Participant, Summer 2006

[UT Graduate Representative Association of Computer Science](#)

Elected member, 2005-2006.

["GradFest" Computer Sciences prospective student visit weekend](#)

Hosting Coordinator, 2006 and 2007.

Outside Reviewer for POPL 2010, OOPSLA 2008