Justin S. Collins

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OBJECTIVE A summer research internship position, part-time position, or freelance Ruby programming.

EDUCATION *PhD,* Computer Science
UCLA, Los Angeles, CA, Expected 2011.

Bachelor of Science, Computer Science
Seattle University, Seattle, WA, 2006.

SKILLS *Languages:* Ruby, Java, Neko, PHP, C++
Frameworks/Libraries: Apache MINA, Sinatra, TreeTop, EventMachine

EXPERIENCE *Graduate Student Researcher*   July 2007 - Present
UCLA, Mobile Systems Lab, Los Angeles, CA
  - Researching application development for mobile ad-hoc networks

Consultant   November 2008 - November 2009
Irell & Manella LLP, Los Angeles, CA
  - Reviewed and analyzed prior art.

Network Administrator   May 2005 - August 2006
Klir Technologies, Seattle, WA
  - Network administrator for office network
  - Responsible for all desktops, laptops, office servers, email and VoIP systems
  - Programmed several internal reporting scripts using PHP and MySQL
  - Developed the previous Klir.com website using PHP, Javascript

Helpdesk Specialist   November 2002 - June 2005
Seattle University School of Law, Seattle, WA
  - Troubleshooting of software and hardware issues for staff, faculty and students
  - Parts replacement on desktops and laptops
  - Development of a web-based internal ticketing system using Ruby and MySQL

PUBLICATIONS "Programming in Mobile Ad Hoc Networks." Justin Collins and Rajive Bagrodia.
Proc. of the Fourth International Wireless Internet Conference (WICON 2008)

"Greedy transformation of evolutionary algorithm search spaces for scheduling problems." David Joslin and Justin Collins.
IEEE Congress on Evolutionary Computation (CEC 2007)

"Improving genetic algorithm performance with intelligent mappings from chromosomes to solutions." Justin Collins and David Joslin.
Proc. of the 8th Annual Conference on Genetic and Evolutionary Computation (GECCO 2006)

EXTRA-
CURRICULAR
ACTIVITIES

Open Source projects: github.com/presidentbeef

Member of the [Computer Science Graduate Student Committee](), UCLA

President, SUACM, 2005-2006