

Justin S. Collins

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| OBJECTIVE | To find opportunities to expand teaching experience. | |
| EDUCATION | <i>PhD</i> , Computer Science UCLA, Los Angeles, CA, Expected 2012. | |
| | <i>Master of Science</i> , Computer Science UCLA, Los Angeles, CA, 2009. | |
| | <i>Bachelor of Science</i> , Computer Science Seattle University, Seattle, WA, 2006. | |
| SKILLS | <i>Languages</i> : Ruby, Java, Neko, PHP, C++ <i>Operating Systems</i> : Linux, Microsoft Windows <i>Applications</i> : Apache, Qualnet, Git, Subversion <i>Frameworks/Libraries</i> : Apache MINA , Sinatra , TreeTop , EventMachine | |
| EXPERIENCE | <i>Graduate Student Researcher</i> | July 2007 - Present |
| | UCLA, Mobile Systems Lab , Los Angeles, CA | |
| | <ul style="list-style-type: none">• Researching application development for mobile ad-hoc networks• Management of lab network and resources | |
| | <i>Consultant</i> | November 2008 - November 2009 |
| | Irell & Manella LLP, Los Angeles, CA | |
| | <ul style="list-style-type: none">• Reviewed and analyzed prior art related to processor design | |
| | <i>Technician</i> | May 2007 - July 2007 |
| | PC Club, Los Angeles, CA | |
| | <ul style="list-style-type: none">• Computer troubleshooting and repair• Parts sales and customer service | |
| | <i>System Administrator</i> | May 2005 - March 2007 |
| | Klir Technologies, Seattle, WA | |
| | <ul style="list-style-type: none">• System administrator for office network• Responsible for all desktops, laptops, office servers, email and VoIP systems• Developed several internal reporting scripts using PHP and MySQL | |
| | <i>Helpdesk Specialist</i> | November 2002 - June 2005 |
| | Seattle University School of Law, Seattle, WA | |
| | <ul style="list-style-type: none">• Troubleshooting of software and hardware issues for staff, faculty and students• Performed parts replacements on desktops and laptops• Developed new internal ticketing system using Ruby and MySQL• Received several pay raises and special recognition from the dean for customer service | |
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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