

Heath Sias

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Education	University of California, Irvine Bachelor of Science – Double Major in Computer Science and Software Engineering GPA: 3.9 / 4.0	June 2016
Technical	Languages: <ul style="list-style-type: none">• Java, Python, C/C++, SQL• HTML/CSS, JavaScript, JQuery, PHP• Lisp, Prolog, d3 Environments and Tools: <ul style="list-style-type: none">• Eclipse, Visual Studio, Xcode, Git• Windows, Linux, OS X, iOS Related Coursework: <ul style="list-style-type: none">• Requirements Analysis and Engineering• Software Testing, Analysis, and QA (current)• Internet Applications Engineering• Data Management (database concepts and design)• Information Visualization• Software Design I/II	
Experience	SDE Intern, Research & Development, Applied Medical, Rancho Santa Margarita, CA <ul style="list-style-type: none">• Developed critical software component for new training application• Designed and implemented portable database for use in field operations• Performed code reviews (C++, Python) of two teammates’ production code• Created division-wide Python coding standard• Built Linux-based team file-sharing system using rsync and Python• Participated in weekly design meetings SE Intern, Engineering, Applied Medical, Rancho Santa Margarita, CA <ul style="list-style-type: none">• Converted legacy Jenkins build server scripts to extensible Python modules• Engineered system for delivering critical reports to key stakeholders• Developed automated regression- and unit-testing suites• Taught a class in Python for the development team Chef, Los Angeles / Sonoma, CA <ul style="list-style-type: none">• Managed culinary school kitchen and a team of kitchen assistants• Catered numerous high-profile events, including a Hollywood movie premiere• Demonstrated ability to communicate with laymen and industry professionals Laboratory Technician, L-3 Communications, San Diego, CA <ul style="list-style-type: none">• Carried out research in state-of-the-art decontamination techniques• Performed validation testing at two major universities and a US military base• Prepared reports and maintained confidential documentation	Summer 2015 Summer 2014 2007-2009 2002-2006
Achievements	<ul style="list-style-type: none">• Dean’s List / Academic Honor Student, 2011 – Current• Winner of UCI Town and Gown Scholarship – 2014• Featured profile on UCI website: http://www.informatics.uci.edu/undergrad/student-profiles/• Co-inventor of four US Patents: 6,343,425; 6,706,243; 6,969,487; 7,008,592	