

# James Tracy

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Location: Valdosta, GA 31602

## Education

Master of Arts, History of Science, University of California San Diego, 2010

Bachelor of Arts, Computer Science, University of San Diego, 2004

## Skills

Web application development and design, software application architecture and object-oriented programming, user interface development and design, database programming, search engine optimization.

## Programming Languages

C/C++, CSS, Java, Javascript, MySQL, PHP, (X)HTML, XML

## Frameworks & Technologies

Ajax, Backbone.js, Git, jQuery, LAMP/WAMP, MFC, Perforce, phpMyAdmin, Pusher, SVN, Win32, Wordpress

## Profiles

GitHub: <https://github.com/jamesatracy>

LinkedIn: <http://www.linkedin.com/in/jamesatracy>

## Professional Experience

### Senior Developer, Azalea Health Innovations, Inc.

September 2010 – Present

- Lead developer for Azalea EHR, a cloud-based electronic health records platform.
- Lead developer for Azalea PHR, a cloud-based patient health portal.
- Contributed to the successful certification of Azalea EHR for Meaningful Use Stage 1 (ONC's Standards & Certification Criteria 2011).
- Successfully integrated third-party applications and tools to enhance or extend core products, including: Electronic Prescribing, Speech Recognition, and Real Time web technologies.
- Developed a custom JavaScript rich application framework and back-end Restful API interfaces from the ground up to power Azalea's next generation of web applications.
- Design and maintenance of websites: azaleahealth.com (2012) and smithhospital.com (2011)
- Technologies: HTML, CSS, PHP, Javascript, jQuery, MySQL

### Senior Software Engineer, Kyocera Wireless Corp.

April 2006 – September 2007

- Assisted with the integration of third party messaging (SMS and MMS), Java virtual machine, and browser clients with core user interface software.
- Provided supervision and consultation and worked on detailed software and code documentation.
- Technologies: C/C++, Windows, ARM Assembly

### Software Engineer, Kyocera Wireless Corp.

March 2004 – April 2006

- Assisted in the maintenance and development of core user interface software, including the analysis and debugging of change requests, fixing software issues, and merging software changes.
- Designed, coded, and tested a Windows application that contained a suite of font tools.
- Technologies: C/C++, Windows, ARM Assembly

## Website Design

[www.halprinlaw.com](http://www.halprinlaw.com) (2012)

[www.azaleahealth.com](http://www.azaleahealth.com) (2012)

[www.smithhospital.com](http://www.smithhospital.com) (2011)

## Academic Experience

### Teaching Assistant, University of California, San Diego

September 2008 – June 2010

- Responsible for planning and leading student discussion sections, providing one on one support for students, and grading exams and papers.
- Taught college level writing, both formal and informal, in conjunction with the Sixth College Writing Program.
- Courses: Sixth College Senior Practicum Writing, Controlling Life, Laws of Men and Laws of Nature, Culture, Art, & Technology.

### Reader in History, University of California, San Diego

September 2007 – June 2008

- Responsible for grading exams and papers for undergraduate courses in the department of history.
- Courses: Great Stories from the Hebrew Bible, Anthropology and the Hebrew Bible, History of Daoism in China, Science, Technology, & Law in America, The Atom Bomb and the Atomic Age.

### Research Assistant, University of San Diego

Summer 2002

- Performed research in the area of automated computer information retrieval in conjunction with faculty member Dr. Eric Jiang.
- Developed and implemented a working information retrieval system, based on the vector-space model, with a graphical user interface using C++ and Win32/MFC.
- Assessed the performance of a variety of different methods and algorithms and presented research results to other participants and professors.

## Presentations

- "Battle of the Books: Science Education and America's Culture Wars," Invited Talk. June 12, 2010.
- "A Plea for History: Science and Religion in the Galileo Affair," Public Talk. April 13, 2010.
- "Was the Tennessee Anti-Evolution Law a Symbolic Protest?" Conference. February 5, 2010, January 23, 2010.
- "An Open Road to Learning? Evolution and the Politics of Education in North Carolina and Tennessee, 1925," Conference. October 12, 2009.

## **Awards & Honors**

- UCSD Student Book Collection Competition Graduate Division Winner, 2010, "Charles Darwin: A History of Biography and Interpretation"
- UCSD Student Book Collection Competition Graduate Division Winner, 2009, "The Great Monkey Trial"
- UCSD Student Book Collection Competition Graduate Division Winner, 2008, "Darwinism, Evolution, and Religion"
- History Department/Science Studies Fellowship, 2007-2008