

Caleb Cannon

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Education

- **University of Nevada, Reno**
B.S., Physics, 2003
- **University of Nevada, Reno**
M.S., Physics, 2006

Employment History

- **Graduate Research Assistant - Department of Physics, University of Nevada, Reno (2002-2006):** Graduate research work done in atomic theory as a member of the Derevianko Group (<http://www.physics.unr.edu/~tap/>). Worked on a variety of atomic theory research problems including quantum computing and many body perturbation theory.
- **Graduate Teaching Assistant - Department of Physics, University of Nevada, Reno (2003-2006):** Taught several sections of low level physics laboratory classes. Duties included composing and presenting short lectures, grading completed student assignments, and holding regular office hours for discussion with students.
- **Developer/Designer - University of Nevada, Reno (1999-2006):** During my time at the University of Nevada I was continuously involved with the campus IT and computer technology departments. Various projects that I completed or contributed to include the campus online events calendar, the tutoring center online enrollment system, the Department of Physics website, and the online course catalog.

Skills

- **Software Development:** I have more than eight years experience developing software for multiple platforms and languages. I have dabbled with many common languages and APIs including Java, C#, Fortran, Assembly, MFC, DirectX, and OpenGL. I am fluent in all forms of web development (HTML, XML, Javascript, CSS), SQL, and C/C++. I am particularly interested in Mac OSX development with Objective-C/Cocoa, OpenGL, and parallel processing (MPI and OpenMP).
- **Design:** Although I have never studied design in an academic sense I do consider myself to be a competent designer. As a website and application developer I am often confronted with the challenge of creating designs that are functional, intuitive, and convey as much information as possible.
- **Math and Science:** As a physicist my area of focus has been quantum theory although I am keenly interested in mathematics and science in all forms, esp. cryptography, optimization, and next level physics (e.g. beyond the standard model).

More Information

- <http://equinox.unr.edu/~caleb/>
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