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\* **Andrew Hao**

**Education** **University of California—Berkeley** B.S. Electrical Engineering Computer Science  
B.A. Mass Communications  
*Expected graduation: Dec 2008 Management of Engineering and Innovation Certificate*  
*Cumulative GPA: 3.58*

**Relevant Courses**

<b>CS 61A</b>	<b>Structure &amp; Interpretation of Programs</b> <i>Functional &amp; recursive programming</i>	<b>CS 160</b>	<b>User Interface Design</b> <i>Iterative &amp; user-centered design methodologies, rapid prototyping, user testing, usability principles</i>
<b>CS 61B</b>	<b>Data Structures</b> <i>Java object-oriented programming</i>	<b>CS 162</b>	<b>Operating Systems</b> <i>Multithreading, memory management, file system and networking principles</i>
<b>CS 61C</b>	<b>Machine Structures</b> <i>Machine architecture &amp; operating systems in C and MIPS</i>	<b>CS 164</b>	<b>Compilers</b> <i>Scanning, parsing, static analysis, code generation. Class project extending Python on the x86 architecture.</i>
<b>EECS 150</b>	<b>Digital Systems Design</b> <i>Advanced digital logic design. Developed a FPGA-based two-way videoconferencing system.</i>	<b>CS 170</b>	<b>Algorithms</b> <i>Algorithm design and analysis. Dynamic &amp; linear programming, search strategies, intractable problems.</i>
<b>IEOR 190A</b>	<b>Engineering Entrepreneurship</b> <i>Identifying markets, developing a business model, working with investors &amp; developing sales strategies</i>	<b>CS 186</b>	<b>Databases</b> <i>Relational database concepts: buffer management, SQL, relational calculus and concurrency control</i>
<b>E 190</b>	<b>Technical Communication</b> <i>Intra-organizational communication</i>	<b>CS 188</b>	<b>Artificial Intelligence</b> <i>Heuristic search, problem solving, logical inference, planning</i>

**Work Experience**

*June 2008 - August 2008* **Apple**, Software Engineering Intern  
As an **iPhone application engineer**, designed and coded a native iPhone server monitoring application. Additionally designed and engineered a Web-based iPhone CalDAV application.

*November 2006 - Current* **Wejoinin**, Co-founder / Designer / Developer  
**Ideation and execution of business idea:** online signup sheets made easy. Constantly switching hats as a **Rails programmer, Javascript developer and interface designer**. See site in progress: (<http://www.wejoinin.com>).

*July 2005 - August 2006* **FAQQLY.com**, Project Manager / Designer / Developer  
**Project manager, UI designer and Rails programmer** at a social networking startup. **Led a four-person development team** in planning and execution of site vision and goals. Specialized in scalable, accessible, standards-compliant design. **Tasteful implementation** of rich interfaces. **Developed solutions for internationalization challenges** involving communication and coordination with an overseas team.

*July 2002 - Current* **g9Labs\* Design Studio**, Founder / Director  
**Design/code freelancer** in a variety of disciplines from software engineering to graphic design to video production to advertising, branding and identity management. See portfolio site (<http://portfolio.g9labs.com>) for a list of projects.

**Skills**

<b>Applications</b>	GNU Emacs, VIM, Eclipse IDE, XCode, Linux/Unix/Solaris, OS X, Windows, MATLAB, Adobe CS Family, Microsoft Office, Subversion	<b>Coding</b>	C/C#, Java, Ruby, Rails, Cocoa, Python, Swing/SWT, SCHEME, MIPS/x86, PHP, Javascript, BASH, MySQL/PostgreSQL, XHTML/CSS, XSLT/XPath, ActionScript
<b>Hands-on</b>	Iterative interface design, user testing, marketing, branding, graphic design, motion/animation, apparel design, W3C standards, Agile methodologies	<b>Languages</b>	English (fluent) Mandarin Chinese (conversational)

**Activities**

<b>Leadership:</b> Intersarsity Christian Fellowship, UC Berkeley (04-08)	<b>Academics:</b> Eta Kappa Nu, Mu Chapter (05-08)	<b>Interests:</b>
<b>Community Service:</b> World Impact Tutoring in West Oakland (05)	<b>Athletics:</b> Cal Running Club (05), Santa Cruz Half Marathon (08), San Francisco Marathon (08)	Jesus Jazz piano, guitar, drums Creative writing