

# Andrew Haven

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## EXPERIENCE

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| July 2010 - present    | <b>Software Engineer</b><br>CyberSource <ul style="list-style-type: none"><li>• Developed a customer-facing web application with Java, Struts, and jQuery as a member of SCRUM team.</li><li>• Implementing web-based code-review and drove developer adoption.</li><li>• Championed code-quality through peer-review, automated testing and aggressive refactoring.</li></ul>  |
| May 2006 - July 2010   | <b>Computer Analyst</b><br>Stanford University <ul style="list-style-type: none"><li>• Independently supported a department consisting of ~50 users and many heterogeneous systems.</li><li>• Designed and developed MVC web applications using for time tracking, scheduling, and presentation evaluation.</li><li>• Wrote software for driving experiments using Matlab and C.</li><li>• Setup, maintained, tested and monitored file and web servers.</li><li>• Designed and implemented a multi-tier backup system of ~20TB.</li></ul>  |
| August 2005 - May 2006 | <b>Freelance Web Developer</b> <ul style="list-style-type: none"><li>• Worked directly with clients on project scope and specifications.</li><li>• Designed and developed two e-commerce web sites for small businesses.</li></ul> <b>Other Projects</b> <ul style="list-style-type: none"><li>• Created Perl Unit Frames, an addon for World of Warcraft downloaded over two million times. Still maintained by another party.</li><li>• Building CasualAddict.com, a combat simulation and analysis site for World of Warcraft.</li></ul> |

## EDUCATION

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| 2008-present | <b>M.S. Computer Science (in progress)</b><br>Stanford University through SCPD<br>Focus on software theory<br>GPA: 3.94   |
| 2001-2005    | <b>B.S. Applied Physics</b><br>University of California, Santa Cruz<br>Minor in mathematics<br>Thesis on genetic algorithms for high dimensional optimization problems<br>GPA: 3.61 |

## SKILLS

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| Development            | C, C++, Git, Haskell, Java, Javascript, PHP, Perl, Ruby, SQL, SVN   |
| Web                    | Apache, CSS, HTML, J2EE, JBoss, jQuery, Mongrel, MySQL, Ruby on Rails, Struts                                     |
| Systems Administration | Operating Systems: Linux, Solaris, Windows<br>Services: DNS, HTTP, IPTables/PF, NIS, NFS, NAT, Samba, TCP/IP, ZFS |