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| <b>Skills &amp; Qualifications</b>              | <ul style="list-style-type: none"> <li>• Computer Experience: 3+ years Java, HTML, CSS, *nix. 1+ year of Javascript, XML, regular expressions. Excellent understanding of computer science concepts. Currently learning C and MIPS assembly in CS61C.</li> <li>• Computer Applications: LabVIEW, Microsoft Office 2007, Adobe Photoshop, Illustrator, Premiere, Dreamweaver, Flash, Pinnacle Studio, SSH Secure Shell, Internet Explorer, Mozilla Firefox, Skype, VNC.</li> <li>• Building and upgrading computers, troubleshooting and solving computer software/hardware/network problems.</li> </ul>   |
| <b>Education</b>                                | <ul style="list-style-type: none"> <li>• <b>UC Berkeley – Sophomore majoring in Electrical Engineering and Computer Science 2006-Present</b> <ul style="list-style-type: none"> <li>◦ Fall 2007: EE20N (Signals and Systems), Computer Science 61C, Physics 7B, Cog Sci 103: History Of Information</li> <li>◦ Spring 2007: Math 54 (Linear Algebra and Diff. Eq.s), Computer Science 61A, Physics 7A, English R1B</li> <li>◦ Fall 2006: Math 53 (Multivariable Calculus), Psychology, Principles of Sociology, English R1A</li> </ul> </li> <li>• <b>La Jolla High School - Graduated with 4.02 GPA, class rank upper 20% 2003 - 2006</b> <ul style="list-style-type: none"> <li>◦ Senior Year: AP Economics, Math 150 College Calculus, AP Computer Science AB, Marine Science, Computer Graphics, English Literature.</li> <li>◦ Junior Year: AP Computer Science A, Honors Precalculus, Honors Biology, AP US History, Advanced American Literature, Spanish 5/6.</li> <li>◦ Sophomore Year: Honors Intermediate Algebra, Spanish 3/4, Advanced Chemistry, Drama 1/2, and Advanced World Literature.</li> </ul> </li> <li>• <b>High Tech High School - transferred to La Jolla High 2002-2003</b> <ul style="list-style-type: none"> <li>◦ Freshman Year: Math I / Physics, Biotechnology, Ancient World History, and College Level Spanish 101.</li> </ul> </li> </ul>   |
| <b>Experience</b>                               | <ul style="list-style-type: none"> <li>• <b>Adobe Systems Inc. Internship 2007</b> <ul style="list-style-type: none"> <li>◦ Automated GPU testing in Acrobat 9.0: I wrote a test automation suite that pans, zooms, and scrolls through a PDF looking at the differences between the CPU and GPU renderings. Results were displayed using a web interface that sorted comparisons by error status and severity. Active UC Berkeley Flex Ambassador.</li> </ul> </li> <li>• <b>SonTek Internship through the Marine Technology Society 2005</b> <ul style="list-style-type: none"> <li>◦ Chosen from 125 applicants for a 6 week internship. Built two Bluetooth prototypes for RiverCat Acoustic Doppler Profilers and FlowTracker Acoustic Doppler Velocimeters, wrote a 270-line Auto-Configuration script in SonUtils for Bluetooth module configuration.</li> </ul> </li> <li>• <b>Western Los Angeles County Council, Boy Scouts of America, CA 2003-2004</b> <ul style="list-style-type: none"> <li>◦ Merit Badge Instructor - Volunteered as a MB Instructor with travel allowance at Scout Camp Emerald Bay, Catalina Island for 384 hours.</li> <li>◦ Counselor in Training - Volunteered as a CIT at Scout Camp Emerald Bay, Catalina Island for 480 hours.</li> </ul> </li> <li>• <b>Reuben H. Fleet Science Center and Balboa Park Aerospace Museum 2002</b> <ul style="list-style-type: none"> <li>◦ Teacher's Assistant - Volunteered as a Teacher's Assistant in K-6 grade science &amp; flight classes for 80 hours.</li> </ul> </li> </ul> |
| <b>Projects</b>                                 | <ul style="list-style-type: none"> <li>• <b>Yahoo Hack Day at UC Berkeley 2007</b> <ul style="list-style-type: none"> <li>◦ 1st place winning team. Our submission: the Psychic Skype Hotline (see more at <a href="http://inv.entio.us">http://inv.entio.us</a>)</li> </ul> </li> <li>• <b>California Coastal Commission Art and Poetry Contest 2005-2006</b> <ul style="list-style-type: none"> <li>◦ Twice 1st place winner of the California Coastal Commission Art and Poetry Contest in grades 10-12 out of over 2000 total entries in both 2005 and 2006.</li> </ul> </li> <li>• <b>BotBall Robotics Competition 2006</b> <ul style="list-style-type: none"> <li>◦ 5th place in regional competition; judge's choice award for innovative scooping mechanism.</li> </ul> </li> <li>• <b>Walk on Water 2004-2006</b> <ul style="list-style-type: none"> <li>◦ 1st place winning team in Southwestern College Walk on Water competition in 2006.</li> <li>◦ 1st place winning team in USD Walk on Water competition in 2005.</li> <li>◦ Built two floating race "shoes" to compete in the USD Walk on Water competition in 2004.</li> </ul> </li> <li>• <b>Greater San Diego Science and Engineering Fair and Inventors Showcase 2003</b> <ul style="list-style-type: none"> <li>◦ Received 2nd place senior chemistry division for creating AccuRise method of biomass gas reaction measurement.</li> </ul> </li> </ul>   |
| <b>Activities</b>                               | <ul style="list-style-type: none"> <li>• <b>UC Berkeley Computer Science and Business Association (CSBA) – IT Committee 2006-Present</b> <ul style="list-style-type: none"> <li>◦ Currently working on <a href="http://rent.berkeley.edu">http://rent.berkeley.edu</a> and other projects</li> </ul> </li> <li>• <b>Boy Scouts of America, Troop 11, San Diego, CA 2000 - 2006</b> <ul style="list-style-type: none"> <li>◦ Eagle Scout with 28 merit badges and Bronze Palm.</li> <li>◦ Former Senior Patrol Leader (SPL), ASPL, PL, APL, Historian, and Quartermaster.</li> </ul> </li> <li>• <b>La Jolla High School, La Jolla, CA 2004 - 2006</b> <ul style="list-style-type: none"> <li>◦ Former President of the Scuba Diving Club.</li> <li>◦ Former member of the La Jolla High School Science Leadership Team.</li> </ul> </li> </ul>  |
| <b>Achievements, Awards, &amp; Certificates</b> | <ul style="list-style-type: none"> <li>• Eagle Scout Rank with Bronze Palm and former Senior Patrol Leader.</li> <li>• 2nd Place winner Senior Division Chemistry 2003 GSDSEF</li> <li>• Open Water SCUBA Certification</li> <li>• Biotechnology Regional Outreach Program (ROP) Certification</li> <li>• All-time record holder for USD and Southwestern College Walk on Water engineering competition at 15.5 seconds</li> <li>• Earned Science Team Academic Letters for each year at La Jolla High (3).</li> <li>• Xerox Award for Innovation and Information Technology from the University of Rochester.</li> <li>• Member of the Cum Laude Society for being in the top 20% of my high school class (2006)</li> </ul>  |