

Weihaio (Jerry) Chen

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EDUCATION

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|---|---|
| University of California, Santa Cruz | Business Management Economics, B.A., minor in Technology Information Management |
| Sept. 2013 - Jun. 2017 (expected) | - 3.73 GPA as of Fall 2015 - Dean's Award |

WORKING EXPERIENCE

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| University of California, Santa Cruz | Technical Support Assistant |
| Feb 2015 - Present | - To better serve the users of the on-premises cloud service, including but not limited to: working closely with engineers from Joyent, a San Francisco-based company specializes in application virtualization and cloud computing, to assist with the operations of on-premises cloud service - To provide general administrative support to Data Center Operations team |

RELEVANT PROJECTS

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|---------------|--|
| Private Cloud | - A private cloud built from the ground up, powered by OpenNebula - Deployment includes hardware selections, cabling, network architecture rollout, automatic deployment, and customized supporting software |
| HostMyNUC | - A commercial platform for managing Intel NUC, written in Node.js - Project includes managing Intel NUC via Intel AMT, managing machine inventories and user billing via external provider, and a robust 3-tier redundant backend architecture |
| 1dns.be | - A geographically redundant authoritative DNS system, powered by PowerDNS - Functionality includes multi-master Percona MySQL redundancy and DNSSEC support |
| SmartDNS | - A proof-of-concept authoritative DNS system, written in PHP - Functionality includes geographical split horizon based on MaxMind's geolite databases |

SKILLS

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| Programming | Node.js, PHP, jQuery, HTML, CSS |
| Software | pfSense, LEMP stack, ELK stack, OpenNebula, SmartDataCenter, OpenStack |
| Hardware | Network architecture, data center deployment |
| Data Center | ZFS, SmartOS, KVM, IPMI, Serial over LAN |
| Automation | PXE diskless deployment |