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| **EDUCATION** | **University of California, Berkeley (*Class of 2015*)**<br>**Intended Majors:** B.S. Economics and Computer Science<br>**Related Courses:** Structure and Interpretation of Computer Programs, Data Structures, Machine Structures(IP), Discrete Math & Probability Theory(IP), Product Management Essential(IP) |
| **RESEARCH EXPERIENCE** | **The Center for Information Technology Research In the Interest of Society (CITRIS)**<br>**Web Programmer, Social Apps lab**<br>University of California, Berkeley, CA, September 2012 – Present<br>• Built mobile and web software as part of a project to enhance social participation and awareness in the US – intended to benefit over 35,000 children<br>• Combined mobile technology, data visualization through real-time maps, and gaming to encourage data collection<br>• Designed a platform using Ruby on Rails for delivering content through mobile and web uses<br>**Research Programmer, Fung Institute for Engineering Leadership**<br>University of California, Berkeley, CA, June 2012 – Present<br>• Worked on Patent Disambiguation and managed USPTO (United States Patent and Trademark Office) patent data base, to keep the data base up to date<br>• Test driven development (TDD) in Python to process ~5 terabytes of US patent data<br>• Generated sorting algorithm to distinguish data shared between assignees |
| **WORK EXPERIENCE** | **Office Assistant, Berkeley College of Engineering**<br>University of California, Berkeley, CA, August 2011 - Present<br>• Helped planning and organizing events provide entrepreneurial opportunities and lessons to professor and postdocs with pure engineering background<br>• Assisted graduate students and professors to organize group meetings<br>**Technical Support Summer Intern, China Dragon Telecom**<br>Shenzhen, China, May –June 2012<br>• Worked as technical support, assisted customers with data connection problem and server stability<br>**Summer Intern**, **Tencent Holdings Web Development Department**<br>Shenzhen, China, May-June 2012<br>• Helped the design team to develop efficient algorithm |
| **LANGUAGES** | ***Programming Languages***: Java, Python, Scheme, Ruby on Rails, SQL, C, HTML<br>***Languages***: Fluent in *Written* and *Spoken* English and Chinese (Cantonese and Mandarin) |
| **PROJECTS** | • Wrote a Scheme interpreter in Python<br>• Developed, as part of a two-person team, an implementation of a logic inference system to deduce facts using Java<br>• Implemented a QuadTree (part of an API) for organizing a data collection – Spatial Database in Java<br>• Developed an board game *Lines of Action* with artificial intelligence in Java |
| **ACTIVITIES AND INTEREST** | **Team Leader, Creative Residencies for Emerging Artists Teaching Empowerment**<br>UC Berkeley Cal Corps, August 2011 – August 2012<br>• Designed and Coordinated events to promote the importance of art for children<br>**Mentor, UC Berkeley Sage Mentorship Program**<br>Sage mentorship program**, August 2012 - Present<br>• Provided academic guidance for elementary school students<br>**Oil painting (1st place of the *38th district Congressional Art competition 2011*)**<br>• Artwork currently displaced in the United States Halls of Congress |