

Sherry Xu

(408)786-4086
sherry.xu@berkeley.edu

Objective: I am currently looking for a full-time software position after my graduation date (December 2015)

UNIVERSITY OF CALIFORNIA AT BERKELEY

Computer Science
Present – Dec 2015

Integrative Biology
(Human genetics focus)
Present – Dec 2015

PROGRAMMING LANGUAGES

Development

Java
Python
C
Scheme
Web Design
HTML/CSS
XML
jQuery
Application Design
Android
Photoshop
Server side
Ruby on Rails
SQLite

COURSEWORK

User Interface Design
Artificial Intelligence
Networking
Algorithms
Data Structures
Computer Architecture

Work Experience

INTERN AT ZTE CORPORATION Summer 2014

Software Intern

- Fiber optic signal transmission (ONU, ONTs), worked on building a clear, effective UI for digital tags on the optic cable heads that displayed information relevant to packets passing through dest addr/packet type/etc) depending on specifications
- Worked on filing patents and worked on an ongoing patent case (ZTE vs Vringo in Europe), learned about entire company flow from receiving new customers from the airport, planning, R&D, manufacturing, and delivery of product.
- Worked on an Android UI for the Nubia X6

INTERN AT TREND MICRO Summer 2014

Software Development Intern

- Worked on the new product CloudEdge, version two of DeepEdge, a product designed for workplace IP monitoring and network security (Anti-DDoS, Malware)
- Worked on migrating logs from Amazon Cloud to Alibaba servers
- Worked on UI for overall product
- Worked on a spam filter implementation

INTERN AT SAN JOSE CITY HALL Summer 2010

Management Intern

- Took detailed notes, answer phone calls professionally, and manage schedules.
- Interacted with constituents on a professional level to solve problems and manage large projects.
- Planned and wrote the script for an educational video on teaching citizens how to advocate at City Hall.

EMT AT BEAR EMS/KING AMERICAN AMBULANCE Summer 2012-Spring 2013

First Responder

- First response to 911 calls (King American Ambulance Company and Bear EMS) - Interacted with patients and treat injuries ranging from minor to life threatening.

LAB ASSISTANT NACHMAN LAB (MUSEUM OF VERT. ZOOLOGY) Spring 2015

Lab Technician

- Building database as part of the museum of vertebrae zoology for other researchers to easily access information about our lab's specimens and genetic information.

Leadership

COMPUTER SCIENCE UNDERGRADUATE ASSOCIATION Summer 2013-Present

Vice President Industrial Relations (Fa 14), Events Manager (Sp 14), Secretary & Treasurer (Su13-Fa13)

- Club management and banking, obtaining company sponsorship, and secure funding for our club events
- Maintained computers by replacing necessary hardware in the computers when they break, and managed the LDAP servers.
- Planned events, work with numerous companies in planning dozens of events and connecting industry and students.

CALHACKS Summer 2013-Present

Director and Co-founder

- Director for CalHacks, the first and largest mega-hackathon in the Bay Area
- Organized and planned long term goals and logistics, sent professional emails and established last relationships with companies. Worked with peers on long term projects solidified teamwork skills.
- Overcame logistical challenges, routed around trouble at the event, made announcements and speeches at event

CALIFORNIA YOUTH TECHNOLOGY LEADERS Summer 2009-Fall 2013

Nonprofit Co-founder and President

- Recycled old computers computer parts to make new computers then donating them, green electronics recycling.
- Spoke at conferences ex SVC Annual Wireless Conference regarding technological innovation from the perspective of the youth, interacted with many companies to obtain sponsorship for our events.

Projects done outside of coursework

- Implemented Conway's game of life in 3D using python and pyglet
- Built a beacon, smartwatch, and android shopping system, presented to Qualcomm VP
- Built a basic iOS application - Functions as a habit maker/planner in C++
- Built webpages in HTML/CSS/JQuery for student organizations and lab projects
- Created a cooking mod for Minecraft via Java and photoshop, made new recipes and food types.
- Built a drawing application supporting Flickr API push/pull, gps tracker, and a smartwatch app for Android

www.sherryxu.me

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