JAMIE NI

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EDUCATION

University of California, Berkeley, Berkeley, CA   Aug. '14 – May '18
Computer Science B.A.

Relevant Coursework:
Data Structures, Computer Architecture, Discrete Math & Probability, Algorithms, Artificial Intelligence, Designing Info. Devices, Operating Systems, Database Systems, Networking (Fall '17), User Interfaces (Fall '17), Product Management (Fall '17)

Diamond Bar High School, Diamond Bar, CA   Aug. '10 – May '14

Languages: Mandarin Chinese, Python, Java, C, HTML/CSS, JavaScript   **Tools:** Git, LaTeX, JMeter, Jenkins
Frameworks: Django, Node.js, Handlebars.js, Bootstrap   **Skills:** Video Editing, Adobe Creative Suite

WORK EXPERIENCE

Performance Engineering Intern | Salesforce, San Francisco, CA   May '17 – Present
- Created a framework that automates a user's journey through the Salesforce platform and collects metrics (average runtime, throughput, etc.) using JMeter on XHRs
- Framework automatically generate JMeter test scripts, which were previously created manually
- Schedule runs of this framework using Jenkins and automatically pushes collected metrics to Perf Framework (internal framework that display data from test runs)

Security Software Development Intern | Netsuite, San Mateo, CA   June '16 – Aug. '16
- Created a Django web server allows users to scan websites for web vulnerabilities, which users can then download the log and scan files; users have the options to upload their scans to ThreadFix, a vulnerability resolution platform
- Wrote tests (arachni, etc.) using Gherkin syntax, which is run through an automated testing tool called Gauntlt
- Used built-in SQLite database to relate scans to their respective files (i.e. log, scan XML, and config files)
- Implemented front-end design using HTML/CSS and Bootstrap and back-end using Python

Software Development Intern | UCLA Institute of Technology Advancement, Los Angeles, CA   June '13 – Aug. '13
- Created a Java GUI can be used in place of paper medical forms used to record data such as heart rate etc. after physical therapy sessions; the GUI creates reports with the inputted data that can be printed or saved as a PDF
- Experimented with accelerometers and analyzed the data to observe patterns that may imply improvements in patients' walking throughout many sessions of physical therapy

PROJECTS

CashDash, a cross platform application | Java/Android Dev
- Created as part of the hackathon portion of the Capital One Engineering Summit (won first place)
- Initiated the design cycle by marking up designs for the applicaton and determined necessary features for best user experience
- CashDash allows users to ping people around them when they are in desperate need of cash
- Worked on the Android backend and used Parse for store user authentication and other information
- Created the logo, icon, and other design work in Illustrator and Photoshop

Gitlet, a simpler version of the version control system, git | Java
- Implemented a command-line based tool that has the basic git commands, such as commit, status, checkout, etc.

LEADERSHIP

Treasurer, CS Kickstart
Berkeley, CA | Oct. '14-Present
- Responsible for handling finances and creating budget

Education Chair, Google@Berkele
Berkeley, CA | Oct. '15 – May '16
- Provide a personal and professional development for the students and staff related to technology, Google products, and innovation.
- Create a community for students to find teammates to work on Google challenges

Corporate Committee, Society of Women Engineers
Berkeley, CA | Sept. '14-May '16
- Organize Shadow an Engineer program, in which members can shadow an engineer in their desired fields, contact companies to ask if they would like to participate in the program, and advertise program by creating flyers

ACTIVITIES

Capital One Software Engineering Summit
Arlington, VA | May '16-May '16
- Chosen as one of the 28 computer science students around the nation to participate in a week long program
- Competed in a hackathon (see projects: CashDash)

Target Women in Tech Symposium
Minneapolis, MN | May '16-May '16
- A 3-day event, in which we learned more about Target's technologies; participated in a hackathon

Web Committee Member, Berkeley Project
Berkeley, CA | Sept. '14-Jan'15
- Implemented front-end design and managed the website

Participant, CS Kickstart
Berkeley, CA | Aug. '14-Aug. '14
- A week-long program to get a head start in programming