

JANICE LIU

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EDUCATION

University of California, Berkeley — B.A. Computer Science

Expected May 2023

- Relevant Coursework: Data Structures, Structure and Interpretation of Computer Programs, Designing Information Devices and Systems I, Foundations of Data Science
- Activities: CS Scholars, Mini University @ Society of Women Engineers, Association of Women in EECS/CS

TECHNICAL EXPERIENCE

Expedia — Software Developer Intern

June 2019 – August 2019

- Worked full-time for 8 weeks on the iOS Mobile Team in an agile development environment
- Presented in bi-weekly demos and daily standups
- Added new features to improve UI/UX of Trips, specifically users' post-bookings car experience, on Expedia app
- Used unit testing, A/B testing, feature flags, and tracking for analytics

Dublin High Lemelson-MIT InvenTeam — Software Co-Lead

March 2017 – May 2019

- Won \$9,000 grant from the Lemelson-MIT Program to build SpORT, a ball-launching device enabling students with disabilities to engage in the Special Olympics
- Collaborated in year-long project with an overall team of 17, managing a group of 6 building the software
- Researched and designed UI/UX of the assistive device and its Android app, catering to students and teachers
- Provided weekly meeting notes/updates of the Software Group progress for monthly blog posts on the DHS InvenTeam's website
- Programmed in Python on Raspberry Pi to implement hardware functionality on the device

LEADERSHIP EXPERIENCE

AIHacks — Sponsorship Director

February 2019 – June 2019

- Fundraised for Southern California's first all-female high school hackathon with an AI emphasis for 100 attendees
- Contributed ideas for branding, marketing, and outreach for event (100% of attendees participated)
- Created sponsorship deck to share with companies
- Contacted multiple (corporate and local) companies for monetary and in-kind sponsorships by sending 50+ emails
- Secured 7 company sponsorships

Girls Who Code Club/Decode Day Hackathon — Founder/Executive Director

August 2017 – May 2019

- Taught girls in grades 6-10 programming languages to foster their interest in programming
- Lead team of 6 to organize Decode Day, hosting approximately 50 attendees (~80% middle schoolers and female)
- Coordinated operations/logistics/outreach of Decode Day
- Applied for funding and won \$150 grant from local city committee to host Decode Day
- Developed special curriculum for club sessions/event workshops

PROJECTS

- **Gitlet** Java implementation of version control system, Git. View the project spec: <https://tinyurl.com/ybflru5j>
- **Signpost** Completed implementation of a Java program generating puzzles from the GUI game, Signpost. The puzzle's goal is to connect squares based on their directions on a grid from a start to end square. Allows two players to solve them manually or one player against the AI player. View the project spec: <https://tinyurl.com/y9ezkflv>
- **C911** Brainstormed, designed, and developed a website and an app that addressed a convenient and cost-effective way to contact emergency services in times of urgency. Won 1st Place Hack Overall in ExpoHacks (May 2018). View the website: <https://liujanice.github.io/ExpoHacks/>
- **Python Imaging** Used Python Imaging Library (PIL) to manipulate images based on masking, frames, and sizing.

SKILLS

Programming Languages

Python, Java, HTML/CSS, Scheme, SQL;
(less) Swift, React

Libraries/Frameworks

Bootstrap, Git, NumPy, Python Imaging
Library, A-Frame

AWARDS & HONORS

- **Rewriting the Code Fellow**
- **Leadership Award** - Cal Alumni Association, 2019
- **Honorable Mention** - NCWIT Aspirations in Computing Bay Area Affiliate, 2018/2019
- **Achievement Award** - State of California Assembly Scholastic, 2018