Amy Seo

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EDUCATION

University of California, Los Angeles   Expected June 2023
B.S. Computer Science, GPA: 3.80/4.00
- Coursework: Data Structures & Algorithms, Operating Systems, Computer Architecture, Discrete Mathematics, Linear Algebra, Intro to AI, Intro to Machine Learning, Programming Languages
- Honors: Dean's Honors List (School of Engineering), Grace Hopper Celebration Scholarship Recipient

SKILLS

- Programming Languages: C++, Python, HTML/CSS, JavaScript, TypeScript, Swift, Linux command line
- Tools & Frameworks: Node, React, Firebase, Docker, CI/CD, Git, Figma

EXPERIENCE

Software Engineer Intern — *Datadog*   Jun 2022 – Present
- Currently revamping a feature for previewing a distribution metric before its created
- Aggregating 5000+ data points into time series visualizations to approximate metrics

Software Engineer Intern — *Better.com*   Jun – Aug 2021
- Added an api-testing module for our internal ticket service
- Increased test coverage of internal ticket service with robust end to end tests with Cypress
- Accelerated code review process with thorough unit tests written with Jest
- Monitored and fixed internal ticket service bugs with LogDNA and Rollbar
- Only intern selected to present in front of CEO and executives

Software Engineer Intern — *Apple*   Mar – Jun 2021
- Constructed my own proof of concept for an individual prototyping project in Swift (under NDA)
- Used SceneKit to build a 3D prototype via computer graphics
- Projected objects into 3D-space using ARKit and face tracking
- Presented findings to directors and executives, suggesting future changes to prototype

Software Engineer Intern — *Lyftly*   Sep – Oct 2020
- Headed development of an open forum for community support, increasing user engagement by 30%
- Implemented the front-end of the commenting feature using React.js and Redux
- Used our custom built Lyftly backend API to display live comments and forums via Axios

STUDENT ORGANIZATIONS

Design Co-President — *Association of Computing and Machinery at UCLA*   Apr 2020 – Present
- Organizing goals, projects, and workshops for our committee each quarter
- Led the branding vision for our award-winning chapter of ACM with 1000+ members
- Rebranded assets on Figma for our 8 committees: design.uclaacm.com
- Planned and delegated design tasks to 15+ members in my team

Product Manager — *UCLA DevX*   Oct 2020 – Apr 2021
- Led the vision for Sparke (on the app store!), an iOS app that allows user to rent and list private parking spots built with Swift, Figma, and Firebase
- Conducted user interviews, market research, and competitive analysis to make product decisions
- Recruited skilled designers and developers and delegated tasks to them
- Crafted the schema of data models along with a mock up on Figma

Software Engineer — *The Daily Bruin*   Jan - Oct 2020
- Created responsive and interactive external websites with React.js for our online school newspaper
- Increased efficiency of production by curating a template to transform contents into a flat page
- Projects: Covid-19 Student Stories Forum, Enterprise Article, Democratic Debate Article