

JENNIFER LU

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EDUCATION

University of California, Berkeley

Relevant coursework: *Data Structures (CS 61B)*,
Data Science (CS 100), *Computer Architecture (CS 61C)*
Intro to AI (CS 188), *Databases (CS 186)*, *Algorithms (CS 170)*

BA in Computer Science
Expected Graduation: 2021

EMPLOYMENT

Flatiron, Incoming Software Engineering Intern

June—August 2020

Technical tools (research, analytics, and EMR platform) supporting community oncology clinics.

- Scaled out a new service that centralized Medicare allowable info for practices, automating the coverage of up to 34% (~\$1 billion) of charges network-wide in a previously entirely manual upload process.
- Built out primary functionality across Flatiron's services that allowed practices to apply a single percentage to their entire allowable schedule, which could simplify allowable tracking for up to 90% of charges.

Intuit, Software Engineering Intern

May—August 2019

Financial tools (TurboTax, QuickBooks, Mint) to empower individuals and small businesses.

- Reduced external API calls on the internal metrics dashboard 4x by converting single writes into bulk uploads.
- Packaged their open source Standardly module for npm by refactoring code to remove unnecessary Python dependencies (5x speedup), adding code coverage and relevant checks, and cleaning documentation.
- Wrote webhook connecting consumer data access/delete requests to tables tracking manual status updates.

PROJECTS & EXPERIENCES

Biosense, Developer

December 2019—January 2020

Automated technology that improves small animal research.

- Overhauled logo and branding after a \$100k investment and company name change.
- Designed and developed current landing website in React for prospective research institution customers.

Other Freelance Work

2019-2020

- Designed and developed original website (React) for *Fratty Bear*, an apparel company for student organizations.
- Designed logo for *Felts Family Foundation*, a community-focused philanthropic fund with no preexisting logo.
- Designed annual report infographic for *Alameda Point Collaborative*, housing 500+ formerly homeless families.

Sigma Eta Pi, President, Operations, Design, Web

August 2018—December 2019

UC Berkeley's co-ed entrepreneurship fraternity.

- Oversaw operations, internal, external, and new member education teams, organizing for 70+ members.
- Overhauled branding in Fall 2019 with a complete website redesign and implementation.

Net Impact Berkeley, VP External, Projects

January 2018—Present

UC Berkeley's consulting group focused on social impact and sustainable business practices.

- Analyzed 500k user survey responses for an online educational platform focused on social entrepreneurship.
- Developed and evaluated a strategic shared economy model for a sustainable outdoor clothing/gear company.
- Fleshed out a new product initiative for a volunteer platform servicing 15M volunteers and 130k nonprofits.

SKILLS & INTERESTS

Programming languages: C#, Python, Java, React, Swift, JavaScript, VB.

Tools: MySQL, Rider, IntelliJ, XCode, Jupyter Notebook, Excel, Figma, Photoshop, Illustrator, InDesign.

Interests: Ultimate frisbee, oil painting, basketball, Sudoku, hiking, cooking.