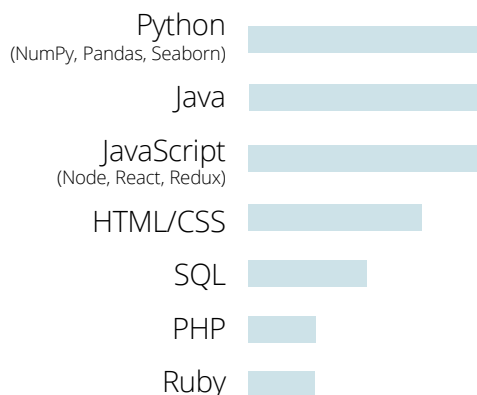# naomi jung

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Education

University of California, Berkeley, Class of 2020

- B.A. Computer Science
- Cumulative GPA: 3.95

Skills

- Python (NumPy, Pandas, Seaborn)
- Java
- JavaScript (Node, React, Redux)
- HTML/CSS
- SQL
- PHP
- Ruby

Projects

Scheme Interpreter
Python-based interpreter that tokenizes and executes Scheme (Lisp) commands

Qirkat Game
Checkers-inspired game with human and AI player options and interactive GUI

Version Control System
Command line program mimicking basic features of Git, including commit history, file and branch checkout, and merging

Activities & Involvement

UCB Computer Science Mentors
Associate Mentor/Tutor

Net Impact Berkeley – Strategy Consulting Group
Project Manager

Thrive Dance Company
Outreach Director & Choreographer

Work Experience

May 2018 to August 2018
Slack // Software Engineering Intern
Decreased load time and improved usability of Slack's *customize emoji* page

- Created back-end **API endpoints** to read and write emoji data, including endpoints that (1) return **searchable and paginated emoji data**, (2) use **ImageMagick** to automatically resize large uploaded image files and add custom emojis to the database, and (3) delete custom emojis
- Refactored front-end code using **React-Redux** and built a **new UI** for the page that included a searchable table of emojis, interactive modals to add emojis and aliases, and improved **keyboard accessibility**
- Additionally, worked to improve **error handling** for Slack imports by rendering appropriate and actionable message dialogs when errors occur to reduce import-related customer complaints and decrease engineering time spent investigating cause of errors

May 2018 to August 2018
Kleiner Perkins Fellows Program // Engineering Fellow
Summer entrepreneurship program hosted by venture firm Kleiner Perkins

- Selected out of over 3,000 applicants to participate in the Kleiner Perkins (KP) fellowship program in **technology and entrepreneurship**
- Attended events hosted by and networked with KP partners, portfolio companies, and industry leaders

February 2018 to Present
UC Berkeley EECS Dept. // Undergraduate Student Instructor
Course instructor for CS 61A: UC Berkeley's introductory CS class

- **Teach weekly 90-minute discussion sections** and labs for 30 students, host office hours, and lead exam review sessions
- **Create course content**, exam questions, discussion slides and worksheets, conceptual guides and supplementary materials

May 2017 to August 2017
RealtyShares // Product & Engineering Intern
Internal tool development for the crowdfunding real estate platform

- Designed, coded, tested, and deployed a **full-stack Node-React** web app that increased deal underwriting efficiency by transforming a 30-minute **manual task into an automated process**. The web app validated borrower-provided spreadsheet inputs against data requested from external provider APIs and rendered an interactive message with validation results.
- Created a **product roadmap** for an internal document-tracking admin tool through stakeholder engagement, user testing, and engineering consultation.