

# Melissa Lee

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## Education

### Stanford University (4.025 GPA)

Sept 2020 - Present

- B.S. Computer Science, specializing in Human-Computer Interaction

## Technical Skills

- Git, Python, Java, C, C++, Javascript, HTML, CSS, ReactJS, Django, Dialogflow

## Work Experience

### [Pareto](#), Frontend Software Engineering Intern (*Remote*)

Jun 2021 - Sept 2021

- Joined early-stage startup focusing on subcontracting technical tasks for startup ventures
- Designed and implemented interactive company web pages describing latest service projects and positive customer reflections, while promoting current team capabilities. Integrated usage of Javascript, ReactJS, HTML, and CSS
- Built, customized, and verified website React components using Vercel, Storybook, and Chromatic
- Implemented internal Workforce Management System tool enabling greater visibility and authority over work hours, task expectations, and task delegation within the team

### [CheapEats](#), Backend Software Engineering Intern (*Remote*)

Dec 2020 - Feb 2021

- Created custom GraphQL and Javascript scripts to extract vendor and customer data from a PostgreSQL database. Queried user analytics to generate restaurant recommendations

### [Checkbook.io](#), Software Engineering Intern (*San Mateo, CA*)

Jun 2019 - Aug 2019

- Programmed Dialogflow scripts in Google Mini devices to announce company promotions triggered by user keywords
- Managed internal corporate wiki infrastructure and developed/trained team members to follow standardized conventions and methodologies

## Interest Projects

### [Spotify Web Assistant](#)

- Designed custom web application accessing Spotify API to retrieve album covers with 30-second track samples given a Spotify artist URI. Enabled download feature to save songs to local devices
- Utilized frontend Javascript with Python backend Django web server

### Settlers of Catan Online Game

- Programmed Apache Tomcat Java web server to host online multiplayer Settlers of Catan board game with customizable development cards
- Creatively implemented automated multi-user page refresh using standard chatbox primitives

### Wrestling Dual Meet Server

- Created wrestling dual meet software to run and score wrestling matches for my high school
- Used GoogleScript-enabled Google Sheets for data entry and python simple web server for backend match scoring

## Extracurricular

### Elementary School Outreach Chair for Stanford Society of Women Engineers

Feb 2021 - Present

- Mentored Palo Alto elementary school girls interested in STEM
- Nurtured their STEM interest by developing hands-on workshops building solar-powered cars and conducting interesting household-item science experiments

### Founder and Mentor for the ["Yes We Can" Initiative](#)

May 2019 - Feb 2020

- Promoted and sponsored female participation in local elementary school wrestling league
- Communicated school-wide assemblies explaining my interest and path through the sport to alleviate common concerns deterring young women from pursuing wrestling
- Coached and mentored young wrestlers for 3+ months, influenced 50% increase in female wrestler retention from previous season