Melissa Lee

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Objective

Passionate about the intersection of Artificial Intelligence and human interaction. Broadening technical coding skills to eventually program an AI bot to facilitate, and engage in, human conversation.

Education

Stanford University, Stanford, CA | Class of 2024

GPA: 4.075/4.00

- Bachelor of Science in Computer Science, Minor in Economics
- Technical Coursework: CS106B Programming Abstractions, CS103 Mathematical Foundations of Computing, CS107 Computer Organization and Systems, Linear Algebra, Multivariable Calculus, Physics

De Anza College, Cupertino, CA | Dual Enrollment

GPA: 4.00/4.00

- Technical Coursework: C++, Python, Data Abstraction and Structures, Multivariable Calculus

Skills & Abilities

Technical

- Strong knowledge of object-oriented programming
- Programming Languages: Java, C++, Python, HTML, CSS, Javascript, Swift

Languages

- Fluent in Mandarin Chinese

Experience

Backend Software Engineer Intern at CheaprEats | *Remote*   Sept 2020 - Feb 2021

- Worked with GraphQL and Javascript to extract vendor and customer data to compute user analytics. Responsible for calculating average tip, sales, and total customers for given vendors.

Software Engineer Intern at Checkbook.io | *San Mateo, CA*   June 2019 - Aug 2019

- Implemented programs in Google Minis to announce Checkbook promotions triggered by specific keywords. Leveraged technical creativity through customizing webpages for company intern wiki. Responsible for providing verbal project communications, including weekly updates and project status.

Projects

Spotify Web Assistant   Dec 2020 - Jan 2021

- Designed an intuitive website to retrieve artist album covers with 30 second track samples given a Spotify artist URI. Implemented a download feature to download liked songs. Coding using Javascript and Python.

Settlers of Catan Online Game   June 2020 - Sept 2020

- Programmed Java servlets to host an online multiplayer Settlers of Catan board game. Used HTML with CSS to design an intuitive user interface and customizable development cards.

Wrestling Dual Meet Server   Nov 2019 - Mar 2020

- Used Google's API with a python-based web server to run wrestling dual meets online. Coaches and spectators access match results in real time.

Extracurricular

President of Stanford Women's Wrestling Club   Sept 2020 - present

- Spearheading Stanford's first-ever women's wrestling club. Led welcome events to recruit 10+ girls.

Intern at Stanford Society of Women Engineers   Sept 2020 - present

- Lead elementary outreach initiatives to inspire young girls in STEM through virtual science fairs and build-a-robot events.

Founder and Mentor for the "Yes We Can" Initiative   May 2019 - Feb 2020

- Held assemblies at local elementary schools and hosted introductory wrestling practices to encourage girls to join in the great sport of wrestling. Coached and mentored young wrestlers for 3+ months.

Founder and Administrator for FHS LINK Crew   June 2018 - June 2020

- Coordinated summer orientation for incoming freshman. Hosted freshmen-only social events to promote tolerance, acceptance, and unity.