Claire Yang

claire.yang@berkeley.edu | 703.863.292

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY
B.A in Computer Science

JAMES MADISON HIGH SCHOOL
Grad. June 2018 | Vienna, Virginia

LINKS

Github:// **clairetyang**
LinkedIn://**claire-yang-117263173**
YouTube:// **Claire T Yang**

COURSEWORK

IN PROGRESS
Great Ideas of Computer Architecture (Machine Structures)
Introduction to Artificial Intelligence
COMPLETED
Structure and Interpretation of Computer Programs
Data Structures
Designing Information Devices and Systems I
Discrete Math and Probability
Efficient Algorithms and Intractable Problems
Data Science

SKILLS

PROGRAMMING
Java • Python • Javascript
SQL • Scheme
WEB TECHNOLOGY
React • JSX • NodeJS • HTML • CSS • Victory Chart Library
AMAZON WEB SERVICES
ElasticSearch • AppSync • Cloudformation
OTHER TECHNOLOGY
SQL • Git • Enterprise Resource Planning (ERP) • Customer Relationship Management (CRM) • Adobe Illustrator/Adobe Premiere

EXPERIENCE

AMAZON | Software Developer Engineer Intern
June 2020 - Present | Seattle, WA | Virtual
- Designed and implemented a metrics dashboard for Amazon Imaging Studios with information about studio orders and workflows.
- Wrote Elasticsearch queries in AppSync to pull data from the backend and utilized ReactJS, AWS Polaris, and Victory charts to display a variety of UI components on the frontend.
- Identified different business metrics by directly talking to customers to help studios understand the progress of order requests and identify any problems.

OMEGA BIOTEK | Software Engineering Intern
May 2019 - August 2019 | Atlanta Metropolitan Area
- Designed and built dashboards with a user-friendly interface for employees to analyze sales data at enterprise scale.
- Led the integration and automation of data flow between Omega Biotek's ERP (Plex) and their CRM (Microsoft Dynamics 365).
- Translated ERP operational data into graphical reports for the sales, marketing, finance, and executive teams to use.
- Trained salespeople, managers, and executives on ERP, specifically PLEX, VisionPlex and IntelliPlex functions.

BERKELEY ENGINEERING | Data Structures Academic Intern
Jan 2020 – May 2020 | Berkeley, CA
- Assist students with labs and projects by helping them understand and debug their code
- Teach students data structure concepts like Dijkstra's Algorithm, Big-O Notation, and dynamic programming
- Help TAs run lab by helping with lab check-offs and questions.

LEADERSHIP

ASIAN AMERICAN ASSOCIATION | Event Organizer
January 2019 - June 2020 | Berkeley, CA

- Managed event planning and finances for the club to foster community within the Asian American community at Berkeley.
- Planned a variety of fun events for hundreds of people to meet new people and make friends.

ALPHA PHI OMEGA | Pledge and Historian Committee
January 2020 – Current | Berkeley, CA
- Pledged the co-ed collegiate service fraternity emphasizing leadership, fellowship, and service
- Documented Alpha Phi Omega activities and events by photographing events.