

Ashley Yu Jia Chen

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SKILLS

PROGRAMMING LANGUAGE

Java
JavaScript
HTML
CSS
C
C++
Python
MySQL

LIBRARIES, FRAMEWORKS, TOOLS

Express
NodeJS
Bootstrap
jQuery
Angular
Docker
BeautifulSoup

OTHER SKILLS

Data Analysis
Data Visualization
Software Development
Front End
User Interaction/User Experience

RELEVANT COURSEWORK

Object Oriented Programming
Advanced Data Structures
Interaction Design
Vector Calculus
Linear Algebra
Probability
Discrete Mathematics

LINKS

Website:// AshleyYJChen.github.io

Github:// [ashleyyjchen](https://github.com/ashleyyjchen)

LinkedIn:// [ashleyyjchen](https://www.linkedin.com/in/ashleyyjchen)

EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO

B.S Cognitive Science, Machine Learning
2017 - June 2021 (Expected)

Cum. GPA: 3.50 / 4.0

Awards

- Provost's Honors List

EXPERIENCE

SOFTWARE ENGINEER INTERN May 2019 - Sept 2019 | San Diego, CA

- Rehinged's aim is to provide AI-powered data to interpret massive amounts of information about companies, brands and trends for market research.
- Designed and implemented a dashboard design for the Market Research Engine web application using Angular from back-end API endpoint routing to the visual UI design.
- Generated animated D3.js visualizations of line charts, bar graphs, network graphs, and pie charts.
- Analyzed and processed large datasets through AWS and Snowflake in addition to using the BeautifulSoup Python Library to automate extracting desired data from web pages.

PROJECTS

DESIGN LEAP October 2018 - June 2019

- Collaborated in a team of undergraduates in service design research with efforts to revamp design education at UCSD to help UX interested students become industry ready.
- Created survey question guidelines, conducted secondary research, competitive analysis and more to key in on needs for all stakeholder involvement in a successful, long-term mentorship program.
- Led and organized group meetings and a plan of action for the next steps like interviewing and workshops.

HOOPERS January 2019 - March 2019

- Established a team of 3 in developing a mobile web app for finding local basketball pick-up games and tracking one's scores and statistics.
- Utilized JavaScript, JSON, NodeJS, and map and Facebook APIs to design the logging in, game and stat creation, and data saving functionalities.
- Employed HTML, CSS, and jQuery for a responsive mobile web design that reflects our app's branding while keeping the user interactions in mind.