CAI YANG

SOFTWARE ENGINEER

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TECHNICAL SKILLS

LANGUAGES: C++, Python, Java, HTML & CSS, JavaScript, Ruby | Rails, Node.Js, React, PostgreSQL

TOOLS: Github | Git, Command Line, Socket.io, Express, Debug, Rest API, Algorithm Designs & Analysis, Data Structures, Heroku, Surge

EXPERIENCE

Cosmos Communications, Software Engineer | Technical Engineer, New York, NY

Aug. 2019 - Mar. 2020

- Managed support on an average of 6 clientele's websites and software and improve software uptime by 45%.
- Engineered a data integration systems that increase the efficiency of database communication by 90% through the use of RESTful API.
- Maintenance existing websites to comply with ADA requirements and saw a 33% increase in Search Engine Optimization.
- Worked with a team to develop a full-stack website on Magento 2 that improved client's property marketing success by 27%.

General Assembly, *Ir. Web Developer | Software Engineering Immersive*, New York, NY

Mar. 2019 - June 2019

- Software engineering immersive, Applied (HTML5, CSS, Javascript(ES6), ReactJS, ExpressJS, PostgreSQL, Git/Github, NodeJS, and Ruby-on-Rails)
- Built an arcade with multiple games using HTML, CSS, and heavy implementation of Javascript/ ES6. Used object-oriented programing.
- Built an application with React that uses API to fetch data from Jikan to make an anime search engine and deployed on Heroku.
- Built a full-stack application on react with express backend. Uses authentication to allow unique users. Deployed on Heroku and Surge.
- Built a full-stack game application on react with express that also implements socket.io to allow cross device usage. Deployed on Heroku and Surge.

Per Scholas, Engineering Fellow, Brooklyn, NY

Feb. 2019 - Mar. 2019

- Received formal training in Front-End Web Development
- Practiced and learned Javascript/ES6, CSS and HTML techniques
- Created and deployed 4 projects in HTML/CSS.

TECHNICAL PROJECTS

TTP Stocks

- Built on React with Express server and PostgreSQL back-end
- A full stack application uses the IEX Cloud API to mock stock exchange.

Doodle Arcade

- Built on React with Express server.
- A web based arcade that uses Socket.io to send live data to other users through the Express server.

Track-Fitness App

- Built on React with Express server and PostgreSQL back-end
- A full stack fitness tracking application with authentication to track user data.

Anime Search Engine

- Built on React.
- A web based application that integrates the Jikan API which allows users to search and view different animations.

Web Arcade

- Built with JavaScript, HTML, CSS.
- A web based arcade that uses object orienting codding to recreate classic games.

My League Picks

- Built with JavaScript, HTML, CSS
- A web based blog.

EDUCATION

General Assembly / Per Scholas

Graduated June 2019 | Software Engineering Immersive Program

Awarded Valedictorian of Software Engineer Immersive Class

Hunter College

Sept. 2015 - Jan. 2019

Jan. 2019 - June 2019

Computer Science Major

Operating Systems, Object Orientated Programming, Computer Architecture, Computer Theory, System and Design