Kody Yuen

An aspiring software engineer with a passion for efficiency and simplicity.

Work Experience

Commonwealth Financial Network (Waltham, MA)
DevOps Engineer Co-op (Jan 2022 - Aug 2022)
• Created and maintained CI/CD pipelines in Azure DevOps and TFS 2018 to automatically build and deploy code to multiple environments
• Managed the company's GitHub, handling the creation and access of all repos, teams, and members

Education

Northeastern University (Boston, MA)
Khoury College of Computer Sciences (Sep 2019 - May 2023)
B.S. in Computer Science
3.56/4.00 GPA
Relevant Coursework: Object-Oriented Design, Algorithms and Data, Database Design, Web Development, Software Engineering, Computer Systems, Networks

Projects

Covey.Town Chess (April 2023)
• Extended functionality of Covey.Town to support chess games between users
• Implemented support for users to create/join/spectate games, customize their board/piece theme, forfeit/restart/draw a game in session, and view the leaderboard
• Utilized ReactJS/Chakra components to display interactable modals and the board
• Awarded top project in class based on demo scores from peers, TAs, and instructors

GetRecs (December 2022)
• Created a single-page application to get recommendations based on liked songs and genres using the Spotify API
• Constructed the frontend with ReactJS and HTML/CSS (Bootstrap) and the backend with Node.js and MongoDB
• Implemented support for user signup, login, roles, and public/private profiles through a custom REST API

Photoshop Recreation (June 2021)
• Programmed a photo editing program in Java that allows users to edit photos, apply filters and transformations to photos, downscale photos, and load and save images into the program from their device in different formats with OOP principles
• Designed a GUI using the Swing framework

Analyzing the Effects of COVID-19 on Transportation (June 2021)
• Designed a database in MySQL that would allow for analysis between COVID and transportation classifications, such as city, type, and authority (MTA, MBTA, etc.)
• Imported thousands of lines of data from multiple datasets, cleaning and prepping them for our database
• Queried our database and analyzed the trends between COVID and transportation numbers across major cities and visualized these trends using Tableau

Discord Bot (June 2021)
• Built a Discord bot that is coded in Python 3 that uses the discord.py API wrapper
• Utilized REST APIs to retrieve data from various sources
• Set up commands including a currency converter between crypto and fiat and displaying current stock price, current news, and a short summary of the ticker inputted

Contact Me Here
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Find Me Here
kodyyuen.dev

LinkedIn

GitHub

Languages/Frameworks
Java (JUnit)

SQL

TypeScript/JavaScript (ReactJS, Node.js, Jest)

HTML/CSS (Bootstrap)

Python

C/C++

Tools/OS
Redux

Express

Mongoose

MySQL

MongoDB

Git

Linux

About Me

In my free time, I love playing video games, watching movies, and talking about basketball.

Minesweeper is one of my favorite games (PB is 96 seconds!).