

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 robust CI/CD pipelines in Azure DevOps and TFS 2018 for continuous integration, automated testing, and continuous deployment to various environments for multiple projects, resulting in a significant reduction in manual effort and accelerated project timelines
- Collaborated closely with cross-functional teams, including software developers, quality assurance engineers, and system administrators, optimizing the development workflow and enhancing team productivity

Education

Northeastern University (Boston, MA)

Khoury College of Computer Sciences (Sep 2019 - May 2023)

B.S. in Computer Science

3.56/4.00 GPA

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)

- Developed and deployed a user-friendly single-page application using the Spotify API, allowing users to receive personalized music recommendations based on their liked songs and genres of interest with ReactJS and Bootstrap
- Implemented support for user signup, login, roles, and public/private profiles through a custom REST API using Node.js and MongoDB

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

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[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!).