Brian Cheung

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EDUCATION

Hunter College

Bachelor of Arts in Computer Science *Aug. 2017 – May 2021*

- Relevant courses: Software Analysis and Design, Computer Architecture, Computer Theory

TECHNICAL SKILLS

Languages: Java, Python, C/C++, C SQL (Postgres), JavaScript, HTML/CSS
Frameworks: React, Node.js, Flask, JUnit, Spring, Material-UI, Express
Developer Tools: Git, Spring Tool Suite, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, JIRA, Postman, Unity

EXPERIENCE

Associate June 2022–July 2023

Infosys *New York,NY*

- Developed a robust Java Spring Boot application using Gradle as a build tool and SQL queries to interact with Postgres databases.
- Implemented an email notification system utilizing SMTP servers, enabling the application to send emails to users based on specific events and actions taken within the application.
- Created extensive test cases to ensure code functionality and identify potential bugs before production deployment, resulting in a more stable and reliable application.
- Collaborated with cross-functional teams to gather and analyze project requirements, ultimately delivering a high-quality application that exceeded expectations.

PROJECTS

Streaming Site *Nextjs, Mongodb, Typescript, TMDB API, Tailwind*
- Experience developing and maintaining a streaming website for movies and tv shows
- Users can create an account to favorite shows, view top shows and change profile details
- Connected to MongodB with Prisma to allow user data to be saved and access efficiently when needed.
- Deployed using Vercel and created with responsiveness in mind allowing use on all devices

Discord Bot *Python, Discord API, Coinbase API*
- Experience developing and maintaining Discord bots using Python and the Discord API
- Proficiency in handling and manipulating data from external APIs and databases
- Demonstrated ability to troubleshoot and debug bot issues, and to continuously improve and optimize performance and functionality

Link Shortener *React, Node.js, MongoDB, JS, CSS, AntDesign*
- Experience developing and maintaining link-shortening services, including building and deploying the necessary back-end infrastructure
- Interacted with a database to store and show relevant history for links using mongodb
- Created using modern and simplistic design to allow users to enjoy the experience

Political Atlas *React, Python, MaterialUI, D3.js*
- Website created to analyze different president speeches and provide an easy to see graph of emotions of each speech
- Pagination of speeches to avoid long scrolling and better-looking design of speeches
- It uses two APIs to analyze both text and speech and compares the emotions
- Filtering system to search for a specific date, politician, or term