

Brian Cheung

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EXPERIENCE

Associate
Infosys

June 2022–July 2023

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

- Developed and maintained a streaming website for movies and TV shows.
- Enabled users to 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 accessed efficiently when needed.
- Deployed using Vercel, ensuring responsiveness for use on all devices.

Discord Bot

Python, Discord API, Coinbase API

- Developed and maintained Discord bots using Python and the Discord API.
- Handled and manipulated data from external APIs and databases.
- Troubleshoot and debugged bot issues, continuously improving and optimizing performance and functionality.

Link Shortener

React, Node.js, MongoDB, JS, CSS, AntDesign

- Developed and maintained 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 a modern and simplistic design to enhance user experience.

Political Atlas

React, Python, MaterialUI, D3.js

- Created a website to analyze different presidential speeches and provide a graphical representation of emotions.
- Implemented pagination of speeches to avoid long scrolling and improve design.
- Utilized two APIs to analyze both text and speech, comparing the emotions.
- Implemented a filtering system to search for specific dates, politicians, or terms.

EDUCATION

Hunter College

Bachelor of Arts in Computer Science

- 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