**Brian Cheung**

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**WORK EXPERIENCE**

**Infosys Oct. 2017 – Present**

*Associate New York, NY*

• Developed and deployed a robust mail component utilizing Java, Eclipse, PostgreSQL, and engine templates, enabling seamless bulk mail sending by connecting to the user's personal email.

• Created an API that integrates with the mail component, allowing seamless access from various programs. Conducted comprehensive testing using JUnit and Postman to ensure functionality and reliability.

• Implemented version control using JFrog, streamlining the process of obtaining the latest component versions without the need to clone the entire codebase.

**PROJECTS**

**Discord Bot**

*Python, Discord Api, Mongo DB,*

• Architected and developed a versatile Discord bot, enhancing user engagement and interactivity within server communities.

• Leveraged Python and the Discord library to design and implement the bot, integrating various APIs to enable a wide range of functionalities.

• Implemented an extensive array of features, including interactive games, comprehensive moderation tools, and seamless access to TV shows, movies, and anime content.

[**Link Shortener**](https://github.com/jma8774/Shortener)

*React, JavaScript, Mongo DB, Ant Design,*

• Developed a user-friendly website using React and Ant Design, offering a seamless solution for link shortening with a single click, providing instant access to the provided URLs.

• Implemented a robust mechanism to record links into user cookies, ensuring persistent accessibility even after page refreshes.

**Political Atlas**

*React, MaterialUI, D3.js, Python, SQL*

• Developed a dynamic website for analyzing and visualizing emotions in presidential speeches, leveraging two APIs for text and speech analysis, and presenting the data in easily interpretable graphs.

• Implemented a pagination feature to enhance user experience by avoiding long scrolling and improving the overall design and readability of speeches.

• Integrated a comprehensive filtering system, enabling users to search for specific speeches based on date, politician, or term, facilitating efficient data retrieval and analysis.

**EDUCATION**

**Hunter College May 2021**

*Bachelors in science, Major Computer Science New York, NY*

* Software Analysis and Design, Computer Architecture, Computer Theory, Data Structure
* C++, Python, HTML, Bootstrap, React, Material UI, Ant Design Node.js, Express.js, Java, JavaScript, PostgreSQL, Mongo DB