

MICHAEL TSE

FULL STACK WEB DEVELOPER

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SKILLS

HTML, CSS, SCSS, JAVASCRIPT, REACTJS, REACT-NATIVE, NODE, EXPRESS, POSTGRESQL, PYTHON, DJANGO, DJANGO CHANNELS, FOUNDATION CSS, RESPONSIVE DESIGN, DE-BUGGING, GITHUB, AND COMMAND LINE:

EDUCATION

Hunter College BA - Computer Science 2022	Aug. 2019 - Dec. 2022	Per Scholas Web Development Course (Code Bridge)	Oct. 2018 - Dec. 2018
General Assembly Web Development Immersive Course	Dec. 2018 - Mar. 2019		

PROFESSIONAL EXPERIENCE

Maco, Full Stack Developer Intern, Remote Apr. 2019 - Sept. 2019

- Spearheaded a project for Military Appreciation Month , which promoted 15% of new users
- Improved applications request acquisition capabilities from 300u/s to 1000u/s
- Implemented dashboard functionalities to better assist operations team based on data metrics and user feedback during weekly sprint meetings

General Assembly (bootcamp), Web Developer Fellow / Junior Web Developer, Dec. 2018 - Mar. 2019
New York, NY

- Collaborated with UX/Ui and other software engineers in the redesign of Thai Street's website and features.
- Utilize skills learn to develop user-friendly interfaces, write clean and efficient code using Node.js and React to optimize performance and scalability.

PROJECTS

Aria Feb. 2023 - Current
React-Django / Django Channels application

- Developed an innovative YouTube sharing app that enables simultaneous viewing and fosters a collaborative environment.
- Used Socket io to enable efficient and real-time communication between users and server, enhancing user experience.
- Integrated Firebase for secure and efficient user authentication, improving the sign-up and login experience.

Codenames Sept. 2021 - Dec. 2021
React-Django / Django Channels application

- Launched the development of a sophisticated full-stack web application replicating the game CodeNames, leveraging React and Django to achieve seamless unidirectional data flow and streamlined configuration management.
- Harnessed Django Channels framework for real-time communication and interactive features, fostering user engagement and collaboration.

Photo Wing(Open With Expo) Feb. 2019 - Mar. 2019
React-Native / Ruby on Rails application

- Created a RESTful API using a powerful Rails backend to support a cutting-edge React Native app deployment.
- Skillfully incorporated bcrypt authentication and gained valuable experience in iOS development, delivering a top-tier user experience.