TSUNG WEI WU

SOFTWARE ENGINEER

HTTPS://TSUNGWEIWU.GITHUB.IO/

CONTACT

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✔ Eligible to work in Canada
📍 Montreal, QC, Canada

WORK EXPERIENCE

Associate Software Engineer | Dec 2021 - Present
Morgan Stanley

- Orchestrated AWS resources and services, including EC2, CloudWatch Logs, and Lambdas.
- Automated deployments through Terraform, implementing infrastructure as code.
- Enhanced application monitoring by integrating Datadog for logs, metrics and APM traces.
- Developed scalable API tools using Java Spring Boot, optimizing backend operations.

Software Engineer Intern | June 2021 - Dec 2021
Parametric Portfolio Associates

- Modernized log level configurations using Spring Cloud Consul, enabling runtime updates without application restarts.
- Designed a multi-logger service discovery system for improved diagnostics.

Software Engineer Intern | June 2019 - Aug 2019
Wayfair

- Built a React.js-based internal tool for the promotions team, boosting productivity by 30%.
- Debugged web interfaces and added usability features to enhance the customer experience.

ACADEMIC HISTORY

University of South Carolina Columbia | Aug 2018 - Dec 2021
Bachelor of Science in Computer Science

- GPA: 3.9
- Dean's List

PROJECTS

CT Asia Culture

- Led the development of a WordPress website promoting Eastern culture.

Meet Food & Culture

- Built a React Native app enabling users to connect through their passion for food.
- Implemented authentication and real-time storage using Firebase, ensuring a seamless user experience.

Discord Bots

- Designed a reaction-based Discord bot in Node.js for scheduling events and sending boss battle reminders.
- Utilized the Discord API for real-time commands and information-sharing features, supporting 1,000+ users across 20 servers.