

# TSUNG WEI WU

## SOFTWARE ENGINEER

### CONTACT

Phone: +1(803)306-0295

Email: tsungweiwu@gmail.com

Portfolio: [www.linkedin.com/in/tsungweiwu](https://www.linkedin.com/in/tsungweiwu)

### 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.