



THENG WEI LWE

FULL-STACK SOFTWARE ENGINEER

☎ 515-203-9251 | ✉ lwetheng@hotmail.com |  /brandon-lwe | 📍 Ames, IA |  brandonlwe98.github.io

WORK EXPERIENCE

Kingland Systems, Advanced Software Engineer Intern

JUN 2023 - PRESENT

- Aided in migrating enterprise-level application core processes into an AWS Batch service using Java Persistence and SQLite tables to save cost and solve Out-Of-Memory issues.
- Enhanced test coverage of existing code using JUnit 5, Mockito, and JaCoCo.
- Utilized GitLab for CI/CD pipelining, automating Docker and Terraform scripts, version-controlling, and code reviews.
- Developed a web-based Scrum Poker tool using ReactJS and NodeJS to assist agile team in sizing tasks for bi-weekly sprints.

Iowa State University, COM S 127 Teaching Assistant

AUG 2022 - DEC 2022

- Facilitated learning and development of basic coding skills in Python language through lab activities and one-on-one office hours with students.
- Helped oversee lab activities and contributed to weekly grading and assessment of students' work.

Dbix Systems Sdn Bhd, Full-Stack Software Developer

AUG 2018 - MAR 2019

- Developed an Invoice Receiving System using TypeScript on Angular6 framework for front-end view rendering
- Wrote JavaScript code on SailsJS framework to handle server-side functions and API calls
- Utilized MySQL to handle database manipulation and export through SQL queries.
- Developed a small mobile application using Android Studio to read and process customers' Identification Cards and store their data through SOAP operations.
- Collaborated with SCRUM team members to develop the company's new software features using AngularJS

SKILLS

- **Languages:** JavaScript, Java, PHP, C/C++, Python, TypeScript
- **Platforms:** NodeJS, SpringBoot
- **Frameworks:** React, Angular
- **Databases:** MySQL

EDUCATION

B.S. Software Engineering | Iowa State University | Expected Graduation (Dec 2023)

Current CGPA : 3.98/4.00

Diploma in Information Technology | Sunway University | 2018

CGPA: 3.90/4.00