William 'Trace' Lippard

(830) 433-1651

lippardw@gmail.com

https://daringplanet.github.io/WilliamSite/

Career Objective

Seeking an entry-level position in software development that offers growth into a technical leadership position.

Education

Bachelor of Science in Computer Science (Magna Cum Laude)

The University of Texas at San Antonio, Tx

Current GPA: 3.77

Relevant Course Work:

Artificial Intelligence	Advanced System Programing
Compiler Construction	Advance Software Engineering
Data Science	Database Systems
Cloud Computing	Systems Programming

Significant Projects

CPU/IO Scheduler Simulator and Performance Measure (Solo Assignment)

- Multithreaded program, created using Java.
- Simulates CPU and I/O access and measured performance.
- Can use different CPU scheduling algorithms (FIFO, SJF, PR, RR).

Project Meatbol (Position: Leader)

- Led a team of computer science students to create an interpreted language.
- Meatbol was capable of complex operations and nesting of statements.
- Meatbol also had built-in functions and superb error handling.
- Used Git and GitHub for collaboration and Java as the language.

Restful Web Service (Position: Leader)

- Led a team of computer science students to create Restful Web Service.
- The Web Service utilized a CI/CD pipeline with GitLab runners.
- The pipeline contained a build stage, two testing stages, and a deploy stage.
- Utilized Git and Gitlab for collaboration and also for the CI/CD Pipeline, and NodeJs with Express and MySQL for the code production.
- Converted the project to Docker and Docker Compose.

Technology Summary

Languages: C, Java, Python

Operating Systems: Linux, Windows7/10

Databases: SQL, MySQL

Employment Experience

J&R Gymnastics — *Coach*

May 2018 - January 2019

Coached boys and girls, ages ranging from about 5 to 18 years old. Taught gymnastics and ninja classes. Included explaining technical and high-level concepts.

Apex Glass & Mirror — *Glazer*

June 2014 - August 2019

Installed auto glass, commercial glass, and residential glass. Fabricated commercial frames, cut flat glass, and handled walk-in customers.

Activities and Honors

Dean's List (Spring 2019, Fall 2018, Spring 2020)

Honor Roll (Fall 2019)