Gregory Maddra

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🦊 https://gitlab.com/bloxgate

Summary

Highly motivated, recent computer science graduate. Experienced in development with C, Go, Java, and Kotlin. Experience working with Kubernetes, Git, Linux, and BSD.

Education

University of Oklahoma (2017 - 2021)

M.S. in Computer Science, GPA: 4.0 (May 2021)

B.S. in Computer Science with Special Distinction, GPA: 3.79 (May 2020)

- Minor in Mathematics

Work Experience

School of Computer Science, University of Oklahoma (2018 - 2021)

Graduate Teaching Assistant (Jan 2021 - May 2021)

- TA for CS 4063/5063 - Human Computer Interaction

Graduate Research Assistant (August - December 2020)

- OU Boeing Project: Worked on an OKC-Boeing funded project through CS@OU

Teaching Assistant (2018 - 2020)

- TA for CS 3113 - Operating Systems (Fall 2019 - Spring 2020)
- TA for CS 1324 - Intro Programming for Non-Programmers (Fall 2019)
- Maintained internal department networks and resources for CS Computer Labs (Spring 2018 - 2019)

SupplyPike (May 2019 - August 2019)

Software Engineering Intern

- Worked with Site Reliability Engineering team to update Typescript and Golang tools used for management and automation of Kubernetes clusters

Additional Experience and Skills

Kotlin

- Creation of two custom plugins for the Spigot server software

- Creation of a library to allow communication with servers supporting BYOND's topic format

- Creation of a web-service that automatically converts GitHub PR descriptions into an in-application viewable changelog format

Java

- Contributed to the development of *Electrical Age*, a Modified Nodal Analysis-based DC electrical simulation addon for Minecraft