

A computer science student with a strong enthusiasm for learning and adapting to dynamic situations, that brings high levels of motivation and eagerness to explore new concepts. Thus making a valuable asset to any team or group project. Additionally, a self-motivated individual and can efficiently manage workloads to produce effective results in assignments.

Links: <https://www.linkedin.com/in/matthew-sparr-aa895822b/> & <https://github.com/SparrMatthew>

Education

Computer Science B.S., College of Charleston

- Graduation – June 2023

Skills

Languages

C, C#, Java, Python, JavaScript (JS), Node.js, TypeScript (TS), Hyper Text Markup Language (HTML), Extensible Markup Language (XML), Cascading Style Sheets (CSS), Structured Query Language (SQL), Haskell, Go, Kotlin, Dart

Software Platforms

Windows 11/10/8/7/XP, Ubuntu 22.04, Linux, SQL Server, MySQLWorkbench, Visual Studio, IntelliJ, Eclipse, PyCharm, VirtualBox, Firebase, GitHub, Git, Heroku, Excell, Trello, PowerBi, Android Studio, Flutter, Pandas

Software Architecture

- Scrum
- Scrum Master for Senior Project

Software Engineering

- Presentation Abilities
- Agile Development
- Documentation

Notable Courses

Advanced Algorithms
Data Structures and Algorithms
Mobile Application Development
Software Engineering
Data Mining

Projects

CampuSafe – Safety Application

- Firebase Firestore database implementation
- Back-end development
- Documentation
- Diagrams

Employment History

Student Worker – Full Stack, Interloop.ai

Jan 2023 – Present

- Constructed a Web Application for the employees to see work progress
- Created a separate dashboard to display an embedded PowerBi make-up
- Constant communication with team (Scrum aspect behind all work)
- Worked with team to establish a UI that was up to the standards and expectations on time

Team Manager - Worker, Charleston Fence

July 2018 – August 2019

- Worked in a Team aspect for majority of the time some solo work done
- Customer contact via support or Q/A
- Maintained the ability to learn and adapt to situations
- Managed peers while on job-sites

References

Dr. Ellie Lovellette

Professor at College of Charleston

- <http://lovelletteeb@cofc.edu>
- Mentor

Violet Smith

President of Women in Computing

College of Charleston

- (571) 422-2556
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- Academic colleague