Matthew Sparr Charleston, SC | sparrme@g.cofc.edu | (678)-857-8448

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 Lovellete**

*Professor at College of Charleston*

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

**Violet Smith**

*President of Women in Computing*

College of Charleston

* (571) 422-2556
* [smithvr@g.cofc.edu](mailto:smithvr@g.cofc.edu)
* Academic colleague