

Tyler Spring

Cockeysville, MD

TylerGSpring@gmail.com [GitHub](#) [Website](#)

Summary

Results-driven Full Stack software developer with a strong foundation in JavaScript, Java, Python, React, and C++. Proven ability to design and troubleshoot, with an analytical mindset. Exceptional communication skills with experience working both independently and collaboratively within a team.

Qualifications

- Programming languages/Frameworks:
 - JavaScript, Java, Python, React, C++.
- Developer Tools:
 - Eclipse, PyCharm, VS Code, Visual Studio, Vercel.

Education

Bachelors of Computer Science
Associates of General Studies

University Maryland Global Campus
College of Southern Maryland
Towson University

July 11, 2023
June 8, 2020
8/23/17-5/27-21

Experience

Tactical Institute – Threat Specialist

Remote-Work

January 2016 -December 2017

- Responsible for identifying and geo-locating more than 20 potential threats of dangerous and violent activities, including mass shootings and self-harm incidents, on various social media platforms. Led evidence gathering efforts and collaborated closely with a team to analyze information and strategize next steps. Successfully pinpointed the origins of threats and promptly alerted local authorities for appropriate action.

Certifications/Awards

- From Codecademy:
 - Full Stack Development, Web Development, Java, Python, C++, JavaScript, React
- Educational:
 - Cum Laude/3.8 GPA from UMGC.

Projects

- [Pirate Plunders Game](#)
 - Developed front end game mechanics for space invaders pirate themed game. Worked in a group of 4 to further analyze, debug, and commit front end and back end code. Went on past project goals to deploy the game to be a live website due to popularity.
- [Avionics Systems Simulation](#)
 - Developed an aircraft sensor simulation program that integrates machine learning for enhanced data analysis and utilizes real-time GPS data via the OSM API. Designed for scalability to support complex simulations, with plans to integrate NoSQL for advanced data handling and predictive modeling
- [Personal Website](#)
 - Developed using Javascript and React to be deployed by Vercel. Displays information about myself, contact information, and portfolio of all my projects.

Other Experience

Target- Team Member

Timonium, MD

10/2020 - Present

Mothers North Grille - Bar Back

Timonium, MD

8/2017-2/2020