CHARLES MARSHALL

(929) 236-7874 | charles123430@gmail.com
linkedin.com/in/charlescomp-marshall | github.com/charlescomp

EDUCATION

Bachelor of Science (BS) in Computer Science Minor in Web Programming and Communications
The State University of New York at Fredonia, Fredonia, NY

SKILLS

<u>Computer Science</u>: Network Security, Data Structures, Systems Programming, Discrete Math 1&2
<u>Programming</u>: Python, HTML5, CSS, JavaScript, Node.js, C/C++, Java, SQL, Angular, Git, Linux
<u>Software</u>: Firebase DB, Jira, Drupal, MongoDB, RESTful API, Linux, Git, Postman, Maven, Tomcat. Veracode , Sonar , AWS Cloudwatch, Grafana
<u>Soft Skills</u>: Project Management, Public Speaking, Leadership, Effective Communication

PROFESSIONAL EXPERIENCE

Software Engineer Dec 2022 - Feb 2025 *Southwest Airlines*, Dallas,TX (Remote)
- Developed and maintained payment processing systems for the Vacations portal, ensuring seamless currency conversion and accurate transaction handling.
- Built and optimized API integrations for payment gateways, enhancing transaction reliability and reducing processing time.
- Collaborated with cross-functional teams to implement scalable and secure financial solutions, ensuring compliance with industry standards.
- Gained experience with AWS Lambda and Cloudwatch improving system performance as well as monitoring .
- Participated in code reviews, sprint planning, ensuring high-quality software delivery.

Associate Software Engineering Summer 2021 *Fidelity Investments*, Jersey City, NJ
- Developed for the backend development team for Bond Beacon, Fidelity newest bond trading platform with thousands of monthly users. Learned Agile Development, through participating in daily stand ups
- Updated user interface features to accommodate for riskless principal clients on Bond Beacon using Typescript and Angular
- Corrected prices and status for riskless principal clients through API calls and tools such as Java, Postman, Oracle SQL Developer and Bitbucket.