

Joshua Carbee

Seattle, WA, 98117 • (321) 431-6018 • jcarbee98@gmail.com

Linkedin.com/in/Joshua-Carbee

EXPERIENCE

L3Harris Technologies, *Senior Associate Software Engineer* Jan 2020 – Present

- Supporting the full software development lifecycle of several large-scale classified and unclassified programs within L3Harris Technologies
- Acting as Deputy Tech Lead to assist with sprint planning, team coordination, and ensuring alignment with project objectives and efficient distribution of tasks
- Collaborate with customers and cross-functional teams to implement features and modifications based on evolving requirements, successfully delivering program contracts exceeding \$10M
- Developing software solutions for processing, storing, and managing geospatial imagery, along with designing a data access layer to streamline information retrieval and accessibility
- Design and integrate RESTful services with relational databases (Postgres and Oracle) to ensure scalable data management across diverse environments and customer sites.
- Contributed to requirement gathering, facilitated technical discussions, and conducted code reviews to enhance development quality and accelerate delivery, consistently meeting or exceeding deadlines
- Deployed updates to the program's automated tools to improve developer's efficiency and save the company an estimated \$12k in savings per year
- Enhance and expand test suites to ensure the stability and quality of each iterative release

Unity Game Development, *Software Developer* Sep 2024 – Present

- Led the design and implementation of core game mechanics using C# and Unity, focusing on procedural level generation, turn-based combat systems, pathfinding, and AI decision-making logic
- Implemented turn-based gameplay systems including initiative management, combat interactions, and state transitions for multiple entities, ensuring a deep strategic gameplay experience

Diverse Computing, *Jr. Systems Analyst*, Tallahassee, FL May 2019 – Dec 2019

- Implement a web application using Angular, Spring, and Java to track compliance with CJIS security policy
- Produce front-end and back-end improvements as well as MySQL database integration

TECHNICAL SKILLS

- *Languages:* Java, Python, C, C++, C#, Groovy, and SQL
- *Tools/Environments:* Unix/Linux, Docker, Git, Postgres, Oracle, Jenkins, and Virtual Box

EDUCATION

- *Florida State University (FSU)*, Tallahassee, FL December 2019
- Bachelor of Science in *Computer Science*

LEADERSHIP EXPERIENCE & ACTIVITIES

L3Harris Technologies, *PEER Mentor* June 2021 – Aug 2024

- Volunteering to assist incoming new college graduates with the onboarding process

Boy Scouts of America, *Eagle Scout* August 2010 – June 2016