

**John-David A. Amador**  
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### **PROFESSIONAL SUMMARY**

Highly motivated Computer Science - Software Engineering graduate. Proficient in C++, Java, Python, JavaScript, CSS, HTML, and SQL, with a foundational understanding of data structures, algorithms, version control, software design, database systems, and agile methodologies. My military background provides transferable skills in complex systems deployments, integration, testing, modernization, ability to logically isolate errors, engineer efficient solutions, and ensure high system availability exceeding user requirements. Committed to delivering meticulous and organized work within cross-functional teams, I actively embrace new technologies and processes.

### **SKILLS**

**Programming Languages:** C++, Java, Python, JavaScript, CSS, HTML, Kotlin, SQL, Linux Shell.

**Development Tools & Methodologies:** Multiple IDEs(VS Code, Eclipse, Spyder, Anaconda), Git/Source Control (CI/CD), Agile, Scrum, RESTful API Design and Implementation.

**Core Concepts:** Software Engineering, Software Design, Database Systems, Software Assurance, Software Quality Assurance, Machine Learning, Big Data Analytics, Software Service Construction, and Website Development.

### **EDUCATION**

**Colorado Technical University, Colorado Springs, CO**

**Graduated February**

**2025**

**Bachelor of Science in Computer Science**

Relevant coursework includes Software Assurance, Software Quality Assurance, Software Requirements, Software Service Construction, Website Development, Mobile Programming, Machine Learning, Big Data Analytics, Computer Algorithms, Object Oriented Methods and programming in C++, Java, Python, and SQL.

### **EXPERIENCE**

**Marine Corps Drill Instructor**

**2018**

***Kilo Company, 3<sup>rd</sup> Recruit Training Battalion***

- Made more than 1,000 civilians into capable Marines that met requirements in technical knowledge and applied technical skill by cultivating technical proficiency and cross-functional teamwork.
- Completed requirements across nine Drill/Field Instructor Teams for four years, adopting modern techniques to enhance the technical and operational ability of new Marines, demonstrating consistent performance in dynamic, cross-functional environments.

**Communications Chief/ Aviation Communication Systems Technician**

**2015**

***Marine Air Control Squadron 2, Marine Air Control Group 28***

- Deployed, managed, and maintained complex systems across the USMC, joint services, and multinational operations, ensuring 99.999% uptime through rigorous testing, configuration, and troubleshooting.
- Responsible for the operational integrity and maintenance of over 15 million dollars worth of unit communication systems assets and capabilities.
- Nominated for a meritorious promotion board based on rapid technical learning, adaptability to new systems technology, and exceptional performance in system operations.

**Watch Operations Chief/ Field Wireman**

**2012**

***2d Battalion, 2d Marines***

- Engineered, deployed, and maintained diverse communication systems (telecom, multiplexers, radios, data) in two foreign countries, ensuring 99.999% uptime and rapid technology integration during military operations.
- Led a modernization initiative, transitioning telecommunication services from Digital Switching to Integrated Services Digital Network, maintaining 99.999% services uptime while enhancing user capabilities.
- Rapidly promoted via meritorious promotion, recognized for swift technical learning, adaptability to new technologies, and exceptional performance in complex operational settings.