Jeremy Burke

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Objective

Recent Computer Science & Engineering graduate with a minor in Mathematics, seeking an entry-level position to apply knowledge and skills in software development. Highly motivated and dedicated individual with a passion for solving complex problems and a strong commitment to continuous learning.

Education

Bachelor's of Science in Computer Science & Engineering, Concentration in Software Design and Development, Minor in Mathematics
University of Connecticut, August 2019 - December 2023
GPA: 3.3

Languages/Environments

- C, C++, Java, Python, RISC-V Assembly, Scheme/LISP
- LogicWorks 5, LTspice, Unix, MATLAB, Android Studio
- SQL, R, VBA/Excel Programming

Projects

Pratt & Whitney Secure Embedded Architecture and Post-Quantum Cryptography

- Implemented secure embedded systems
- Applied knowledge of cybersecurity and post-quantum cryptography to enhance system security.
- Worked among a group of other computer science students to achieve the company's goal

Relevant Coursework

- Data Structures and Object-Oriented Design (Python)
- Systems Programming (C and Unix)
- Algorithms and Complexity
- Computer Architecture
- Cybersecurity Lab
- C++ Essentials
- Theory of Computation
- Intro to Software Engineering
- Principles of Databases
- Mobile Application Development

Skills

- Strong problem-solving and analytical skills
- Excellent understanding of data structures and algorithms
- Proficient in software development using C, C++, Java, and Python
- Familiarity with cybersecurity principles and practices
- Effective communication and teamwork skills