Bertrand Bashford

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Work Authorization: US Citizen

Technical Skills

Programming Languages
- C
- C++
- Python
- ARM v8 Assembly
- JavaScript

Systems
- Windows
- Linux

Tools:
- HTML
- CSS
- GNU Emacs
- GIMP
- Git
- GDB
- WireShark
- MPI

Education

Bachelor of Computer Science, May 2019
University of Tennessee, Knoxville

Tech901, Web Programming
Technical Training - Certificate

Relevant Coursework

- Software Engineering
- Web and App Security
- Parallel Programming (at ORNL)
- Applied Cryptography

Skills

- Cybersecurity
- Strong coding skills in C++
- Leadership
- Software Development
- Strong coding skills in Python
- Team Oriented Projects

Projects

CubeSat Satellite Simulator

Receiver Module Leader, Interteam Communications Director, Primary Presenter

Led the team working on the radio receiver for our model CubeSat Satellite, and managed communication between the 22 students working on the project.

Breaking ToyNet

Group Member

Worked with a three-person team to design a program to determine which pairs of nodes converse within a toy network designed for privacy.