Cole James Barbes

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TECHNICAL SKILLS

Languages: Java, Python, C/C++, bash, SQL (Spring 2024), HTML/CSS, R
General: Linux, Virtualization, Leadership, Problem Solving, Time Management
Developer Tools: Git, VS Code, Visual Studio, Eclipse

EXPERIENCE

Student Intern — May 2023 – August 2023
Salisbury University — *Salisbury, MD*
- Assisted in the installation of the new High Performance Computing Lab.
- Used my organization skills to cable manage 34 Computer workstations.
- Assisted in the setup of a dual boot Window/Linux computer lab.
- Briefly Assisted with benchmarks of The High Performance Clusters.

Student Tutor — February 2023 – Present
Salisbury University — *Salisbury, MD*
- Assist students in learning mathematical problem solving.
- Helped students use their resources to complete their assignments.
- Aid in the creation of good note taking habits.
- Provide clarification on necessary topics.

Student Lab Assistant — August 2022 – Present
Salisbury University — *Salisbury, MD*
- Utilize my knowledge of C++, java, and logic design to guide students in completing labs.
- Give advice on algorithmic Design.
- Assist Student in the debugging process.

EDUCATION

Overall GPA: 3.87

Salisbury University — Salisbury, MD
Bachelor of Science in Computer Science, Minor in Mathematics — *Feb. 2022 – Present*

University Of Maryland Global Campus — Adelphi, MD
Began Bachelor of Science in Computer Science — *Aug. 2021 - Jan. 2022*

COURSE MATERIAL

System Software, Data structures and Algorithms, Theory of Computation, Calculus I-II, Discrete Math, Linear Algebra

CLUBS

Cyber Security Club | *President* — February 2023 – Present
- Maintain a penetration testing lab using Proxmox Virtualization software to deploy intentionally Vulnerable VM's
- Learned the fundamental tools to gather information on networks and used various software tools to exploit vulnerabilities.
- Building up the structure of the club for future members.
- Planned events and various club activities.

SU Vex Robotics Club | *Team Member* — August 2022 – Present
- Supported the team at the Vex Robotics tournaments.
- Assisted in the build process for each robot.
- Wrote various functions to test each robots Functionality.
- Judged Club tournaments for high school and middle school events.
- Led various community events to raise student involvement in robotics.