Micah Nava

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EDUCATION

Liberty University | Lynchburg, VA

B.S. in Computer Science | GPA: 3.4/4.0 **May 2025**

Relevant Courses: Data Structures & Algorithms, Computer Architecture, Operating Systems, Database Design & Management, System Administration

TECHNICAL SKILLS

Programming Languages: C++, HTML(Beginner), CSS(Beginner)
Operating Systems: Windows, Linux

PROJECTS

Cyber Security Capstone Project | Liberty University **November 2024**
- Collaborated with a team of 20+ students to design and build a near real-time cyber threat prediction system using statistical analysis and Machine Learning.
- Leveraged tools and languages such as Python, MITRE Caldera, WAZUH, and OpenHistorian.
- Emulated 40+ Advanced Persistent Threats (APTs) with distinct capabilities using MITRE Caldera to generate data for model training.
- Delivered weekly testing reports to the program manager, meeting all project management milestones.
- Presented a comprehensive client presentation showcasing the project's state and achievements at semester-end.

PROFESSIONAL EXPERIENCE

Competition Team Member | INTERNATIONAL COLLEGIATE PROGRAMMING CONTEST **February 2024**
- Developed solutions to complex programming problems with one other Team Member
- Utilized practiced skills in C++ to develop these solutions using concepts like Number Theory, Searching and Sorting, and Data Structures & Algorithms to solve problems
- Placed 23rd in the Division 2 Mid-Atlantic Region out of 68 teams

Trainer | Chick-Fil-A | Lynchburg, VA **Aug 2022 - Present**
- Developed and supervised new oncoming Team Members each week teaching them about the job
- Supervised the main floor when the manager was unavailable leading about 13 other employees
- Maximized the effectiveness of Team Members each shift while enforcing high standards in place by leadership
- Formulated plans to meet important goals in the store such as increased Order Accuracy and Guest Satisfaction

LEADERSHIP EXPERIENCE

Vice-President | Competitive Programming Club | Liberty University **Apr 2024 - Present**
- Aided in the presentation and explanation of complex data structures and programming methodologies such as dynamic programming, binary trees, memorization, and recursion
- Promoted the club and increased software engineering awareness through word-of-mouth and posters
- Assisted in coordinating competitions for the Club such as the ICPC tryouts and other friendly programming competitions.
- Competed in the International Collegiate Programming Contest placing 23rd in the Division 2 Mid-Atlantic Region