**Alvaro Leon Parra**

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**PROFESSIONAL SUMMARY**

Highly motivated and detail-oriented computer science and mathematics senior with a concentration in cybersecurity. Pursuing a challenging and rewarding IT position that will lead into the cybersecurity field. Possess a passion for problem-solving and a strong foundation in algorithms, data structures, and software design. Proficient in Scripting languages, Java, and C++, with experience in web development, databases, networking, automation and scripting.

**EDUCATION**

**Fairmont State University** Fairmont, WV

Major: Computer Science– Concentration: Cybersecurity August 2020 - Present

* Dean’s List: Fall 2023, Spring 2023, Fall 2022, Fall 2020
* GPA Cumulative: 3.42

**Fairmont State University** Fairmont, WV

Double Major: Mathematics August 2020 - Present

* Dean’s List: Fall 2023, Spring 2023, Fall 2022, Fall 2020
* GPA Cumulative: 3.42

**Salem University** Salem, WV

Major: Computer Science – Concentration: Cybersecurity August 2018 – April 2020

* President’s List: Fall 2018
* Dean’s List: Spring 2020, Spring 2019, Fall 2019
* Student-Athlete, NCAA Water Polo DII
* GPA Cumulative: 3.52

**EXPERIENCE**

**S-STEM Embedded Tutor**  Fairmont, WV

*Fairmont State University*  August 2023 – Present

* Enhanced student understanding and performance by providing targeted academic support in STEM subjects
* Participated in ongoing training and development to stay current with STEM education trends and techniques

**Recitation Tutor**  Fairmont, WV

*Fairmont State University*  August 2023 – Present

* Conducted weekly recitation sessions to enhance understanding and reinforce concepts taught in the classroom
* Engaged students through interactive learning activities and discussions to deepen their understanding of course material
* Provided feedback and guidance on assignments and projects

**Beach Lifeguard and Equipment Manager** Myrtle Beach, SC

*Lack’s Beach Service (Summer employment)* April 2020 – August 2021

* Monitored and maintained safety guidelines for designated beach area
* Received and provided training for lifeguard duty as well as first aid response and CPR
* Delivered quality customer service
* Managed and directed daily operations of beach equipment sales, conducted performance reports, assigned tasks, and supervised progress to ensure targets were met

**PROFICIENCIES**

* Programming Languages: Java, C++, Phyton, Bash Scripting, JavaScript, PHP, HTML and CSS
* Software: Eclipse, NetBeans, Dev++, Visual Studio, MS Office, MS Outlook, MySQL, Blender, Nmap, Metasploit Framework, Wireshark, Air crack-ng, Burp Suite, SQL map, John the Ripper
* Systems: Experience working with Linux/ Windows/ IOS and virtualized/physical server environments, Creating Network Infrastructure
* Security: Vulnerability-scanning, Design and understanding of Server
* Languages: English (Fluent), Spanish (Native Tongue), Italian (Intermediate), French (Intermediate)
* Communication, problem-solving, monitorization, customer service, observant, dedicated team member

**RECOGNITION**

NCAA DII Men’s Water polo All-Academic Awards May 2019, 2018

Horry County Beach Safety Award August 2020

Horry County Lifeguard of the Year Award August 2021