YHAEL LOPEZ

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EDUCATION

University of Virginia   Charlottesville, VA
Bachelor of Arts in Computer Science and Commerce, GPA: *3.82*   Expected May 2027
Awards/Honors: Hispanic Scholarship Fund Scholar, Machine Learning Competition
Relevant Coursework: Data Structures 1 & 2, Java, Python, Computer Systems and Organization, Software Development

TECHNICAL SKILLS

Programming Languages: Python, Java, React, JavaScript, CSS, Lean
Tools/Frameworks: Visual Studio, IntelliJ, Git, Next.js, PyTorch, AWS, React,, Flask, RStudio
Certifications: AWS AI Practitioner Certification

PROJECTS

Calendar Project
- Created a digital scheduling solution that saved healthcare staff 2-3 hours weekly through process automation
- Developed an automated data processing system achieving 90% accuracy in information extraction and built user-friendly interfaces for real-time visualization
- Implemented secure data management solutions while maintaining healthcare compliance standards. Applied systematic quality control methods through test-driven development to ensure reliability
- Designed unit tests to explore test-driven environment for improved code quality and reliability

Currency Exchange Calculator
- Created an interactive tool using Python to perform real-time currency conversions, incorporating API integration and user input validation

EXPERIENCE

University of Virginia   Charlottesville, VA
Spanish VLP Data Collector   August 2024 - Present
- Conducted Spanish language assessments with 50+ students using specialized data collection software such as Qualtrics and VA Connects
- Adhered rigorous data entry protocols, ensuring 100% accuracy in score uploads and documentation

Doxber   Remote
Supply Handler   June 2024 - October 2024
- Managed incoming deliveries using CRM tools, achieving 100% accuracy in package processing and documentation
- Implemented protocols for damaged package processing, reducing processing time by 25%

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

SEO Career   New York, NY
SEO EDGE Participant   July 2024 – Present
- Receive coaching and online instruction to achieve targeted interview, technical, and professional goals
- Complete industry-specific training focused on developing technical skills and institutional knowledge

Google Developer Group   Charlottesville,VA
Machine Learning Competition Winner   February, 2025
- Placed 2nd in UVA's Google Developer Group ML competition, with a model to predict movie gross revenue
- Built and optimized a 3-layer feedforward neural network using PyTorch

Society of Hispanic Professional Engineers (SHPE)   Charlottesville, VA
Event Coordinator   December 2023 – April 2024
- Developed and implemented marketing strategies to reach out to 30+ Virginia high schools, successfully attracting 50+ junior and senior students to the event
- Coordinated presentations on UVA's engineering curriculum, financial aid options, and campus life, providing a comprehensive overview for prospective students

Cultural Organization for Latin Americans   Charlottesville, VA
Professional Development Chair   September 2024 – Present
- Networked with over 10 businesses and organizations to create events fostering Latino professionals
- Organized and facilitated 2 workshops and seminars focused on career development