

Victor Hernandez

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Seeking CS Internship/Co-op | <https://victor-hernandez.netlify.app/>

Education

Berea College

Bachelor of Arts, Computer Science
GPA: 3.57/4.00

Berea, KY
May 2027

San Jacinto Community College

Associates of Arts, General Studies
GPA 3.8/4.0

Houston, Tx
May 2023

Experience

NASA – Johnson Space Center, TX

Space Exploration Vehicle Software Intern

Summer 2025

- Engineered and optimized software systems for NASA rover platforms, integrating both hardware and software components to improve functionality and performance.
- Designed and developed a custom Driver Station user interface (UI) to enable intuitive rover control and mission operations.
- Programmed and configured Raspberry Pi and NVIDIA Jetson platforms to compile, deploy, and run rover software in real-time environments.
- Implemented controller-based operation, enabling seamless manual navigation and validation of rover mobility systems.

NASA – Johnson Space Center, TX

Flight Software Development Intern

Summer 2024

- Designed and developed a custom Graphical User Interface (GUI) from the ground up to enhance user interaction and streamline operations.
- Translated and optimized code from LabVIEW to Python, improving performance and compatibility for the project.
- Engineered software for an exercise device intended for space deployment, ensuring reliability and functionality in extreme environments.
- Submitted an NTR and became a NASA innovator MSC-27772-1

Information System and Services and IT Manager

January 2024 – Present

Tier 2 Manager for Berea College

- Perform comprehensive hardware and software repairs on Dell computers, ensuring optimal performance and longevity.
 - Utilize Dell certification expertise to diagnose, troubleshoot, and resolve technical issues efficiently and accurately.
 - Provide exceptional customer service by addressing client concerns, offering technical support, and ensuring customer satisfaction.
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University Activities

Coursework

- Data structures C++
- Computer Security
 - Developed a two-factor authentication system for a security class project, including user account creation and secure login functionalities.

Berea College Men's Soccer

2023 – Present

- First Team All-Conference as a freshman
- Second Team All-conference second year
- Team Captain
- Achieved second round of playoffs (first time in team history)

Technical Skills

- **Software/Programming:** Python, C++, Flutter, LabVIEW, CSS, Java, JavaScript.
- **Practical Skills:** Software Installation & Configuration, Problem Resolution, Dell Certification Expertise, Time Management & Prioritization, Hardware Repair & Maintenance.
- **Languages:** English, Spanish (fluent)