

Jeffrey Contreras

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SKILLS

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|----------|--------------|-------------------|-------------------|
| • Python | • PowerShell | • Adaptability | • Networking |
| • C++ | • SQL | • Time Management | • Threat Analysis |
| • C | • Windows | • MITRE Attack | • Security Audit |
| • Java | • UNIX/Linux | • NIST CSF | • Report Writing |

EDUCATION

M.S. in Computer Engineering | *Florida International University* **2022 – 2024**

GPA : 3.63/4.0 | Coursework : Practical Applied Security, Network Security, Computer Network Engineering
Tracks : Network/Cybersecurity, Machine Learning, Computing System and VLSI Design

B.S. in Computer Engineering | *Florida International University* **2018 – 2022**

Minor in Mathematical Sciences and Physics

GPA : 3.62/4.0 | Coursework : Ethical Hacking, Systems Programming

WORK EXPERIENCE

IT Technician | *F&G Glass* **August 2018 – May 2022**

- Upgraded and replaced faulty units, resulting in improved system performance and reduced downtime
- Maintained an accurate inventory of hardware and equipment, ensuring resource allocation and efficiency
- Created comprehensive documentation for hardware configurations, troubleshooting procedures, and user guides, facilitating knowledge sharing

LEADERSHIP

Honors College Leadership Council | *FIU Honors College* **September 2019 – April 2022**

- Transformed methods/policies of student engagement and graduation requirements of the Honors College
- Advocated for a better undergraduate experience to assist Honor College students' career goals

PROJECTS

Fire Extinguisher Robot | *Club Project* **January 2022 – April 2022**

- Collaborated with a team to create a robot that scans and extinguishes fires around its environment
- Implemented LIDAR for robot to scan the environment to extinguish fires and to avoid obstacles
- Utilized Raspberry Pi, Arduino, and Robot Operating System to send values to encoders to move robot

Portable Photovoltaic Sensor Interface | *Senior Design Project* **August 2021 – April 2022**

- Developed automation software with Python for optimized results with Raspberry Pi 4 and INA219 sensors
- Orchestrated research about project's features, intended users, social impact, considerations, and budget
- Managed communication with Kansas City Nuclear Security Campus team about project status

PROFESSIONAL DEVELOPMENT

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| • Coursera - Google Cybersecurity Specialization Certification | October 2023 |
| • Kaseya – Remote IT & Security Management Program | September 2023 |