WALKER LARIVEE

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PROFESSIONAL SUMMARY

Highly motivated Computer and Electrical Engineering graduate with a passion for cybersecurity and a strong foundation in relevant technical skills. Recently completed the Google Cybersecurity Certificate, a rigorous, skills-based program that covers key cybersecurity knowledge and skills. Committed to continuous learning and staying ahead of evolving cyber threats.

SKILLS

- C/C++
- Assembly
- Software Development
- Vulnerability assessments
- Security hardening
- Python
- Linux command line
- Prototyping
- Incident response
- SIEM tools
- SQL
- Machine Learning
- Circuitry
- Security frameworks and controls
- Project Management

EXPERIENCE

Airport Shuttle Driver   May 2024 - July 2024
Advantage Shuttle | Atlanta, GA
- **Data Management:** Developed and maintained comprehensive spreadsheets to track trips, mileage, and expenses, minimizing operational costs.
- **Effective Communication:** Liaised with clients and management to clarify travel details, reducing misunderstandings and ensuring seamless service.
- **Schedule Optimization:** Strategically managed time and routes to enhance efficiency, meeting both client needs and company expectations.

Delivery Driver   May 2023 - August 2023
Domino's | Hiawassee, GA
- **Operational Support:** Assisted with warehouse and managerial tasks during non-delivery periods to ensure smooth business operations.

EDUCATION

Bachelor of Science (B.S.) - Electrical and Computer Engineering   May 2024
Vanderbilt University, Nashville, TN
Minors in Digital Fabrication and Computer Science

Certification - Cybersecurity Professional   July 2024
Google

PROJECTS

- Created custom Linux kernel firewall module to block traffic from specific IP addresses.

- Collaborated with fellow software engineers to create virtual autonomous vehicle, including custom-written localization, perception, and decision-making algorithms in Julia.
- Designed precision syringe pump with adjustable flow rates using additive manufacturing, Fusion360, and Arduino.
- Designed custom neural network to predict emotions based on facial features using Python.
- Collaborated with small team working under Lockheed Martin to construct autonomous drone capable of payload delivery and object recognition.
- Collaborated with small team to design custom website for CLOVR labeling company, including secure back-end payment for subscription services.