

Thomas Winslow

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Education

University of Central Florida

Bachelor of Science, Computer Science

Orlando, FL

Aug 2022 - Dec 2025

- **Relevant Coursework:** Software Development, AI/ML, Natural Language Processing, Senior Design, Object-Oriented Programming, Game Development, Computer Graphics, Cybersecurity, Discrete Structures

Certificates

[Security+](#)
CompTIA

[AWS Academy Cloud Security Foundations](#)
Amazon

[TestOut CyberDefense Pro](#)
CompTIA

[Google Cybersecurity](#)
Google

Projects

[AWS Image Builder Pipeline](#) | Terraform, Python, Fastly, AWS EC2, Lambda, S3 & DynamoDB

- Implemented an automated **AWS image builder pipeline** for **EBSCO** using **Terraform** to streamline deployment and embed **Signal Sciences WAF** for application security.
- Collaborated with team to plan and manage sprints, ensuring timely delivery of the pipeline.
- Worked in a 4-person team leveraging **Atlantis** and **Git** for version control and streamlined code integration.

[UCF Vending Machine Website](#) | MERN Stack, TypeScript, JavaScript, CSS, Mapbox, Amazon Lightsail

- Served as a **Full Stack Developer** in a team of 6 to build a MERN stack web app that helps UCF students locate vending machines via an interactive Mapbox-powered map.
- Developed a secure, full-stack login and authentication system**, integrating **15+ RESTful API endpoints** and implementing credential storage with session-based authentication and role-based access control.

[UCF COM CT VR Application](#) | Unity, Meta XR SDK, C#, 3D Slicer, Python, Microsoft Azure

- Built a medical imaging and VR pipeline** converting raw medical data into high-fidelity volumetric 3D models with 3D Slicer and implemented Unity-based interactivity using custom **C# scripts** to control model behavior, interactions, and visualization in a VR environment.
- Automated CT scan data processing using Python** (pydicom, PIL, NumPy) to generate standardized 3D models for a realistic VR environment and reducing preprocessing time by **approximately 80-90%**.

Experience

DevOps Internship

EBSCO Industries Inc.

(Remote) Ipswich, MA

June 2025 - August 2025

- Collaborated within a 6-person agile team, participating in daily standups, sprint planning, and code reviews to deliver automation solutions on schedule.
- Automated VM tagging compliance across VMware/Platform9 to improve accuracy and consistency in asset management.
- Leveraged AWS services (S3, Aurora, DynamoDB) to access vulnerability datasets and compared them against daily security reports using a cron-scheduled Python script (3 AM daily run) to identify discrepancies.

Cashier

Home Depot

Jasper, GA

May 2023 - Oct 2023

- Processed customer transactions with 100% accuracy, balancing cash drawer daily within a \$5 discrepancy limit.

Food Runner

TopGolf

Orlando, FL

Mar 2021 - Aug 2022

- Demonstrated multitasking and time management skills in a fast-paced setting, handling multiple orders simultaneously while prioritizing guest satisfaction.

Technical Skills

Programming Languages: Python, C, C#, C++, Java, HTML, CSS, JavaScript, SQL, Terraform

Tools/Platforms: Windows, Linux, Git, Azure, AWS, Docker, VMWare, Platform 9, Atlantis, Signal Sciences (Fastly WAF), IDS/IPS, Splunk, IBM QRadar, Exabeam, Elastic, WireShark, Nmap, Zenmap, Pentbox, pfSense, Netstat, Burp Suite, Kibana, ACLs, IAM, Blender, 3DSlicer, PyTorch, Unity