AELLY ALWARDI

hire.aellyalwardi.com | contact.aelly@gmail.com | linkedin.com/in/aellyalwardi

Education

BS in Computer Science, Minor in Astronomy   **08/2022 – 05/2025**
MS in Computer Science   **08/2025 – 05/2026**
University of Florida, Gainesville, Florida
Relevant Courses:
Algorithms and Data Structures, Database Systems, Web Development, Software Engineering, Computer Networks, Computer Architecture, Embedded Systems, Human Computer Interaction, Cryptology, Operating Systems, Advanced Data Structures

Experience

Software Engineer Intern   **05/2025 – 08/2025**
Amazon Web Services, Seattle, WA
- Developed a system to continuously check the security posture of an internal service
- Modeled and wrote an API that works with multiple internal systems/APIs to discover security violations and hand them off to an appropriate team
- Wrote documentation to track and hand off work to teammates

Software Engineer Intern   **05/2024 – 08/2024**
Amazon Web Services, Seattle, WA
- Designed an audit system for an internal database and integrated it within an existing code base
- Created a database table with DynamoDB to store audit data
- Modeled and wrote an API to retrieve audit data stored within the database

Lead Teaching Assistant for Information and Databases Systems   **08/2024 – Present**
UF College of Engineering - Computer Science Department, Gainesville, FL
- Ideated and developed a course project from scratch
- Managed around 15 TAs per semester, tracking their work and engagement
- Delivered 4 lectures to around 200 students per semester, showcasing SQL concepts

IT Analyst   **11/2023 – Present**
UF College of Education - Lastinger Center, Gainesville, FL
- Assisted in the installation, configuration, and maintenance desktop and mobile devices, printers, and other peripherals
- Offered technical advice, guidance, and training to staff on hardware and software usage.

Skills

Languages: C++, Python, Java, Swift, SQL, HTML, CSS, Javascript, PHP, VHDL
Tools: Pycharm, CLion, Intellij, Xcode, Visual Studio Code, Quartus, LTSpice, Git, Linux