

AELLY ALWARDI

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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, Advanced Data Structures, Human Computer Interaction, Cryptology, Operating Systems, ML & Neural Networks

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

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

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

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 & Frameworks: PyTorch, Django, PyCharm, Xcode, Visual Studio Code, Git, Linux, Docker