

Gator Grad

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EDUCATION

Master of Science in Computer Science

May 2025

University of Florida | Cumulative GPA 3.68

Bachelor of Science in Computer Science

May 2023

University of Florida

RELEVANT COURSEWORK

Computer Organization, Operating Systems, Software Engineering, Database Systems, Computer Networks, Bioinformatics, Machine Learning, Cryptography, Human-Computer Interaction, Analysis of Algorithms, Database Management Systems

TECHNICAL SKILLS

Programming: Python, JavaScript, Java, C, C++ (Learning: Go, Rust)

Web Development: React.js, Angular, Node.js, Django, Flask, HTML, CSS

Databases: MySQL, PostgreSQL, MongoDB, Redis

Tools & Frameworks: Git, Docker, Kubernetes, Visual Studio Code, IntelliJ IDEA, PyCharm

Operating Systems: Windows 10/11, Linux (Ubuntu, CentOS)

Cloud & DevOps: AWS, Google Cloud, Microsoft Azure

Other: REST APIs, Machine Learning (Pandas, NumPy, scikit-learn, TensorFlow), Agile (Scrum, Kanban)

PROFESSIONAL EXPERIENCE

Software Engineer Intern

May 2024 – Present

UF Health IT – Gainesville, FL

- Developed internal web applications using React.js and Node.js to streamline hospital workflow
- Assisted in database management and optimization for patient record systems using MySQL
- Conducted software testing and debugging to improve system efficiency

Software Development Intern

Aug 2023 – Apr 2024

Infinite Energy (Now part of Gas South) – Gainesville, FL

- Designed and developed automation tools in Python to optimize energy usage tracking
- Assisted in building an API for internal analytics tools, reducing manual data processing by 40%
- Worked with senior engineers to enhance cybersecurity protocols for customer data

RESEARCH EXPERIENCE

Research Assistant, Department of Computer Science | University of Florida- Gainesville, FL

Jan 2023 – Dec 2023

Project: Reducing Computer Anxiety Among the Elderly

- Designed and developed a web-based platform for user experimentation using PHP, JavaScript, Ajax, and MySQL
- Conducted data collection and analysis to validate hypothesis and refine user-friendly interface models

ACADEMIC EXPERIENCE

Graduate Teaching Assistant, Department of Computer Science | University of Florida- Gainesville, FL

Aug 2024 – Present

- Graded assignments and exams for undergraduate Data Structures course
- Provided tutoring and academic support to students, improving comprehension and performance

Grader, Department of Computer Science | University of Florida- Gainesville, FL

Aug 2023 – May 2024

- Evaluated coursework for undergraduate computer science courses with attention to accuracy and fairness
- Provided constructive feedback to students to support their learning and improvement in computer science concepts