

Justin Shields

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EDUCATION

Florida International University

Miami, FL

BA Computer Science GPA: 3.8

April 2024

- **Relevant Coursework:** COP 3337 Computer Programming 2, COP 3530 Data Structures, CDA 3102 Computer Architecture, CAP 4630 Artificial Intelligence, CEN 4010 Software Engineering, COP 4338 Systems Programming, COT 3510 Applied Linear Structures for Computing, COP 4555 Principles of Programming Languages, COP 4610 Operating System Principles, COP 4710 Database Management, COT 3541 Logic for Computer Science
- **Dean's List:** Spring 2023, Summer 2023, Fall 2023, Spring 2024

Florida International University

Miami, FL

MS Computer Science GPA: 3.86

July 2025

- **Relevant Coursework:** CAP 5610 Machine Learning, CEN 5079 Software Security, CIS 5346 Storage Systems, COT 5407 Intro to Algorithms, CEN 5011 Advanced Software Engineering, COP 5725 Principles of Database Management Systems, COT 5432 Applied Parallel Computing
- **Dean's List:** Fall 2024, Spring 2025

WORK EXPERIENCE

InformData

Remote

Python Developer

August 2024 - Present

- Developed automated web scraping scripts using Playwright in Python to extract critical data.
- Designed robust scraping workflows to handle dynamic content, CAPTCHAs, and inconsistent web structures.
- Collaborated with cross-functional teams to ensure extracted data meets quality and compliance standards.

Cobalt Commercial Services

Miami, FL

Project Manager & IT Support

January 2020 - August 2022

- Managed multiple job sites, liaised with clients, and prepared weekly progress reports to ensure smooth project execution.
- Provided comprehensive IT support, ensuring computers were operational and software was properly installed.

PROJECT EXPERIENCE

Cloud Resume Challenge

Miami, FL

Developer

January 2024

- Created a serverless website using HTML, CSS, and JavaScript, automatically deployed to an S3 bucket and CloudFront CDN through a CI/CD pipeline.
- Configured a CI/CD pipeline with GitHub Actions to automate the front-end deployment to AWS S3 and CloudFront.
- Developed a REST API powered by AWS Lambda (Python) to manage updates to a DynamoDB table.

Geek Text API

Miami, FL

Scrum Master and Developer

September 2023 - December 2023

- Developed a RESTful API for an online bookstore web application using JavaScript, MongoDB, and JSON.
- Applied Agile methodologies and Scrum practices, facilitating daily stand-ups, sprint planning, and retrospectives.

SKILLS & INTERESTS

Technical: Python, Git, GitHub, Cloud Computing, AWS, HTML, CSS, Agile Methodology, Scrum, Postman, JavaScript, AWS Lambda, AWS S3, AWS DynamoDB.

Certifications: AWS Certified Solutions Architect – Associate (2024), AWS Certified Cloud Practitioner (2024)