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

WORK EXPERIENCE

Cobalt Commercial Services   **Miami, FL**

Project Manager   *January 2020 - August 2020*

- Managed multiple job sites, liaised with clients, and prepared weekly progress reports to ensure smooth project execution.
- Identified and implemented efficiency improvements in operations and customer service.

PROJECT EXPERIENCE

Cloud Resume Challenge   **Miami, Fl**

Developer   *January 2024*

- Created a serverless website using HTML and CSS.
- The website was automatically deployed to an S3 bucket and CloudFront CDN through a CI/CD pipeline.
- Pipeline operated on GitHub Actions to automate backend setup with AWS SAM/CloudFormation.
- Setup a REST API via AWS API Gateway, 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*

- Creation of a Rest API to support an online web application bookstore.
- Worked in a group using Agile Methodology.

Password Security Check Tool   **Miami, Fl**

Developer   *April 2024*

- Developed a command-line tool to verify if passwords have been exposed in data breaches.
- Implemented SHA-1 hashing to check passwords securely without exposing the actual passwords to external networks.

Hacker News Data Scraper   **Miami, Fl**

Developer   *May 2024*

- Developed a Python script to automate the scraping of top news stories from Hacker News.
- Designed the tool to streamline access to high-vote posts, eliminating the need for manual site navigation.

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)