Mahmoud Fayed

Adaptable and fast learning Computer Science student seeking fulltime employment upon graduation in May 2023.

CONTACT:

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EDUCATION:

Bachelor of Science in Computer Science
Virginia Commonwealth University, Richmond VA, 2018 - Present

- Expected Graduation: May 2023
- GPA: 3.87, Dean's List Student
- Provost Scholarship (Full Tuition from VCU)

SKILLS:

- JavaScript
- Python
- Java
- C
- Linux Bash
- SQL
- HTML
- CSS
- R
- C++

RELEVANT EXPERIENCE:

Full Stack Software Developer Intern
Publishing Profits LLC, Richmond, VA, 5/2022 – 9/2022

- Added new functionality to Django based website
- Moved login for embedded BI tool from site's frontend to backend for enhanced security
- Created a Chrome Extension using JavaScript that collects sales data from different online vendors and sends it to a Flask API
- Created Flask API modules to receive, process, and inject data into MySQL database
- Refactored an existing data collection routine to reduce runtime from around eight minutes to six minutes
- Utilized skills include: JavaScript, Python, Linux Shell Bash, HTML, Flask, Django, Apache, Docker, Ajax, Git, MySQL, RESTful API creation

ACADEMIC PROJECTS:

Service Oriented Framework Application
Fundamentals of Software Engineering, VCU, Spring 2022

- As a member of a four-person team, designed an application using key principles of the Software Development Lifecycle with a strong focus on Service Oriented Design
- A main service broker was implemented in Java with sub services such as a translation app and a tax calculator app
- The application was developed with continuous integration in mind, allowing other sub services to be easily added or removed without modifying existing code