Ziyan Imran

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EDUCATION

University of Baltimore County   Catonsville, MD
Bachelor of Science, Minor in Statistics   *January 2022*

EXPERIENCE

Python Developer   January 2022 – Present
GAMA-1   *College Park, MD*
- Containerized satellite processing algorithms into an easily configurable platform for end users to use by utilizing docker and AWS
- Automated sequential running of satellite processing algorithms through various python wrapper scripts in near real time
- Created data pipelines to organize and process large amounts of satellite data dependent on regional coverage

Junior Automation Programmer   Nov. 2020 – December 2021
Smithers PDS, LLC   *Gaithersburg, MD*
- Same as below. Company name change in September 2019
- Subjact Matter Expert on Hamilton Star Series Liquid-Handling Robot
- Created lab workflows that increased effficiency in subject processing and project timeline completion
- Maintained and developed macros written in Visual Basic and VBScript to increase producitivity for revenue-generating projects

Independent Contractor   Dec 2017 – Dec 2018
Smithers Avanza Bioanalytical Services, LLC   *Gaithersburg, MD*
- Created macros using Visual Basic and VBScript to increase productivity in our financial and scientific research sectors
- Maintained and updated data pipelines to expedite information transfer between lab scientists and project managers

PROJECTS

Nanoleaf | *Python, Flask, Bootstrap, Docker*   Feb 2022 – Present
- Developed a full-stack web application using Flash and with basic JavaScript/CSS/HTML with Bootstrap serving as the frontend
- Visualizes and controls Nanoleaf smart LED Panel system for home use

Telegram Bot | *Python, Google Cloud Platform*   Sep 2021 – Present
- Implemented basic Telegram bot that adds text modification 'slash' commands

Riot Game API Match Analysis | *Python, REST API, Django*   June 2022 – Present
- Connects to RIOT Games API utilizing various third-party libraries (pandas, NumPy)
- Created functions that creates a comprehensive analysis report on specified number of recent matches

TECHNICAL SKILLS

Languages: Python, SQL (Postgres), Rust, JavaScript, HTML/CSS, R
Frameworks: Flask, Django
Developer Tools: Git, Docker, Google Cloud Platform, VS Code, PyCharm
Libraries: pandas, NumPy, Matplotlib