

Mohamed Aziz Laouiti

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EDUCATION

George Mason University of Engineering and Computing
Bachelor of Science in Computer Science

Fairfax, VA
Present

Northern Virginia Community College
Associates of science in Computer Science and Engineering GPA:4.0

Annandale, VA
May. 2022 – Dec 2023

TECHNICAL SKILLS

Languages: C, Java, Python, JavaScript, Ruby, HTML/CSS, R, Assembly

Web/Frameworks: Flask, Node.Js, Express.Js, React, Next.Js, Linux, Git, Visual Studio

Databases: SQL, MongoDB, PostgreSQL, pgAdmin

Coursework: Data Struct & OOB Design, Disct Math, Web Dev, Calc III, Applied python, Intro to Artificial Intelligence

RELEVANT EXPERIENCE

Product Design Student Engineer

March 2024 – Present

Fab Lab Product Design Incubator/ National Science Foundation

Manassas, VA

- Led product development during an intensive **6-week** program, conducting **123** individual and group interviews, as well as focus groups to gather valuable user insights.
- Created a **high-fidelity** interactive prototype using **Figma**, presented at **PDI** annual product Day, receiving **90%** positive feedback.
- Spearheaded website redesign initiatives, optimizing content efficacy and improving the user journey, resulting in a significant increase in conversion rates.

PROJECTS

ClosetPal | *CO-Founder*

- Created an Image-based fashion recommendation system that suggests daily outfit for users based on their digital input factoring in the weather, your mood, and the occasion

My Receipt | *React, Python, Pytesseract, OpenCV, Supabase*

- Developed a receipt scanning app utilizing computer vision (**OpenCV**) and OCR (**Optical Character Recognition**) to seamlessly extract text from bills and store it in a **Supabase** database, providing users with easy access to their transaction details.

Github API Service | *Python, Flask, React, PostgreSQL*

- Engineered a **RESTful API** service using **Javascript** and **Express.Js** to fetch pinned GitHub repositories, enabling **100+** users to seamlessly showcase their top projects on personal portfolios.

GoBot.io | *Flask, Python, ngrok, Slack API*

- Developed a Slack bot using Flask and Python to automate Slack API channel transfer for comments, reducing miscommunication by **80%**.
- Implemented a shortcut command for admins to alert users in the same thread, resulting in a **50%** decrease in comments made in the wrong channel.

ACTIVITIES, AWARDS & HONORS

SkillsUSA | *Computer Programming Championship, 1st Virginia State Gold Medalist, 3rd nationally*

ColorStack GMU | *Community Member: leveraging a portfolio of tools, resources, and opportunities to support the mission of increasing Black and Latinx Computer Science graduates.*

CodePath | *Tech Fellow, TIP 103, CIP 2024 attendee*

Medium.com | *Technical Writer*

5x Presidential List award | *Dean's Honor List*

Transfer Scholar Network (TSN) | *Goldman Sachs Virtual Insights Series attendee*