Mohamed Aziz Laouiti

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# EDUCATION

## George Mason University of Engineering and Computing Fairfax, Virginia

*B.S in Computer Science and software engineering Present*

## Northern Virginia Community College Annandale, Virginia

*A.S in Computer Science and Engineering GPA:4.0 Graduation Date: Dec 2023*

# SKILLS & CERTIFICATION

**Programming Languages/Databases:** Java, Python, Typescript, Ruby, Html, CSS, JS, SQL, Mongodb, SQLite, Redis

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

**Coursework**: Data Struct & OOB Design | Disct Math | Web Dev | Calc III | Lin Alg Diff Equ | Chemistry I-II | Applied python

**Certification:** CodePath (Advanced Technical Interview Prep), Flatiron School (Software engineering Bootcamp)

# EXPERIENCE

## CouncilDataProject Remote / Virtual

### Software Engineering/ Open-Source April 2022 –Feb2023

Architected and implemented **API endpoints** for seamless data transmission to **CouncilDataProject backend**.



Collaborated with **10** remote teams including software engineers, ML engineers, UX designers and product managers.



Implemented scraper integration to extract metadata from chat transcripts and provide metadata to a **system-wide search database**.



Conducted comprehensive **refactoring** and **documentation** of existing testing codebase, enhancing readability and maintainability.



## NaamHouse Inc Remote / Virtual

### Full stack web developer/ Hackathon December 2021 - Feb 2022

Facilitated design consensus through comprehensive analysis of diverse templates of 10 UX designers.



 Reduced load time by 50% on content interaction by implementing lazy loading to enhance performance.

 Implemented reusable **React** components resulting in 30% reduction in production time.

# PROJECT EXPERIENCE

[**Github API Service**](https://github.com/AZIZXlaouiti/github-page-scraper)**:** Developed an **API** service using **Node.js** to retrieve pinned repositories on GitHub, providing a seamless integration for users to showcase their most notable projects.

[**Drawing**](https://github.com/AZIZXlaouiti/online-visual_editor) **Tool**: Full stack web app and WebSocket based server written in Ruby on Rails and **JavaScript** for live drawing allowing synchronized shared content between multiple users.

[**Online Visual Editor**](https://github.com/AZIZXlaouiti/Try-and-guess-frontend)**:** Online collaborative visual editor providing users with editorial access to one another’s tabs for seamless teamwork.

## Leadership & Involvement

## ColorStack Remote / Virtual

### Community Member December 2023 - Present

Actively contributed to a dynamic virtual community, collaborating on projects centered around the creative use and interpretation of color, sharing inspiration, and actively engaging in discussions to cultivate visually captivating designs.



## Tunisian Space Association Remote / Virtual

### Space Robotics Member April 2022 - Nov 2022

Drafted and finalized a preliminary design review for characterizing water ice sites on Moon mission with a remote team



Developed the scientific objectives for the theoretical mission and researched and chose scientific instrumentation



to realize the objective within the science committee.

## Medium Remote / Virtual

### Technical Writer Present

 Engaged with readers through comments, discussions, and Q&A sessions, fostering a sense of community and encouraging knowledge sharing among fellow professionals. Leveraged **search engine optimization (SEO**) techniques and social media promotion to expand the reach of the articles.

## Honors & Awards

-Presidential List award -Dean’s List -Phi Theta Kappa Honor Society (Tau Nu Chapter) – Transfer Scholar Network (TSN)