

# Mohamed Aziz Laouiti

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## EDUCATION

<b>George Mason University of Engineering and Computing</b> <i>B.S in Computer Science and software engineering</i>	<b>Fairfax, Virginia</b> <i>Present</i>
<b>Northern Virginia Community College</b> <i>A.S in Computer Science and Engineering GPA:4.0</i>	<b>Annandale, Virginia</b> <i>Graduation Date: Dec 2023</i>

## 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)

## WORK EXPERIENCE

<b>CouncilDataProject</b> <i>Software Engineering/ Open-Source</i>	<b>Remote / Virtual</b> <i>April 2022 – Present</i>
<ul style="list-style-type: none"><li>Architected and implemented <b>API endpoints</b> for seamless data transmission to <b>CouncilDataProject backend</b>.</li><li>Collaborated with <b>10</b> remote teams including software engineers, ML engineers, UX designers and product managers.</li><li>Implemented scraper integration to extract metadata from chat transcripts and provide metadata to a <b>system-wide search database</b>.</li><li>Conducted comprehensive <b>refactoring</b> and <b>documentation</b> of existing testing codebase, enhancing readability and maintainability.</li></ul>	
<b>NaamHouse Inc</b> <i>Full stack web developer/ Hackathon</i>	<b>Remote / Virtual</b> <i>December 2021 - Feb 2022</i>
<ul style="list-style-type: none"><li>Facilitated design consensus through comprehensive analysis of diverse templates of 10 UX designers.</li><li>Reduced load time by 50% on content interaction by implementing lazy loading to enhance performance.</li><li>Implemented reusable <b>React</b> components resulting in 30% reduction in production time.</li></ul>	

## PROJECT EXPERIENCE

**Github API Service:** 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 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:** Online collaborative visual editor providing users with editorial access to one another's tabs for seamless teamwork.

## Leadership & Involvement

<b>ColorStack</b> <i>Community Member</i>	<b>Remote / Virtual</b> <i>December 2023 - Present</i>
<ul style="list-style-type: none"><li>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.</li></ul>	
<b>Tunisian Space Association</b> <i>Space Robotics Member</i>	<b>Remote / Virtual</b> <i>April 2022 - Nov 2022</i>
<ul style="list-style-type: none"><li>Drafted and finalized a preliminary design review for characterizing water ice sites on Moon mission with a remote team</li><li>Developed the scientific objectives for the theoretical mission and researched and chose scientific instrumentation to realize the objective within the science committee.</li></ul>	
<b>Medium</b> <i>Technical Writer</i>	<b>Remote / Virtual</b> <i>Present</i>
<ul style="list-style-type: none"><li>Engaged with readers through comments, discussions, and Q&amp;A sessions, fostering a sense of community and encouraging knowledge sharing among fellow professionals. Leveraged <b>search engine optimization (SEO)</b> techniques and social media promotion to expand the reach of the articles.</li></ul>	

## Honors & Awards

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