



# Hamza Amadu

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🔗 <https://github.com/HamzaAmadu>  
📍 bowie state university

## Skills

### Programming Languages:

Java, Python, HTML5, CSS3



### Tools & Platforms:

VirtualBox/VMware, Microsoft Office



### Concepts:

Full-Stack Development, Database Management, Responsive Web Design, Error Handling



### Soft Skills:

Teamwork, Communication, Problem-Solving, Time Management



## Professional Summary

### 👤 HamzaAmadu

Motivated computer technology student with a solid foundation in database management, software development, and web development. Ability to design, build, and deploy functional applications and websites through hands-on academic projects. Proactive learner currently expanding expertise through self-study for industry recognized certifications. Eager to apply technical skills in Python, Java, HTML, and CSS to contribute to an entry-level IT or Software Developer role.

Skills	Education	Projects
<b>Programming Languages:</b> Java, Python, HTML5, CSS3	<b>Bowie State University</b> Cyber Security GPA: 3.255	<b>Landscaping Company Website</b> Academic Project <ul style="list-style-type: none"><li>Designed and developed a website for a landscaping company that processes service requests and calculates quotes.</li><li>Created a backend database to store customer information and service details from web form submissions.</li><li>Integrated front-end (HTML/CSS) with back-end functionality to create a seamless user experience from inquiry to price quotation.</li></ul>
<b>Tools &amp; Platforms:</b> VirtualBox/VMware, Microsoft Office		<b>Student Assignment Tracker Mobile App   Academic Project</b> 🔗 <a href="https://gallery.appinventor.mit.edu/?galleryid=94a64bed-d9e1-43f8-b...">https://gallery.appinventor.mit.edu/?galleryid=94a64bed-d9e1-43f8-b...</a> <ul style="list-style-type: none"><li>Designed and developed a functional mobile application to help students manage assignment deadlines and track study time.</li><li>Utilized MIT App Inventor's block-based programming environment to implement app logic and user interface components.</li><li>Focused on creating an intuitive user experience to improve student organization and time management.</li></ul>
<b>Concepts:</b> Full-Stack Development, Database Management, Responsive Web Design, Error Handling		<b>Hurricane Category Calculator</b> 🔗 <a href="https://github.com/HamzaAmadu/hurricane-category-calculator">https://github.com/HamzaAmadu/hurricane-category-calculator</a> <ul style="list-style-type: none"><li>A Python application that classifies storm intensity based on wind speed according to the Saffir-Simpson Hurricane Wind Scale.</li></ul>
<b>Soft Skills:</b> Teamwork, Communication, Problem-Solving, Time Management		<b>Password Security Education Website</b> 🔗 <a href="https://hamzaamadu.github.io/password-security-guide-website/">https://hamzaamadu.github.io/password-security-guide-website/</a> <ul style="list-style-type: none"><li>Created an interactive educational website teaching password security best practices.</li><li>Implemented multi-page navigation, password strength testing, and visual feedback systems.</li></ul>
		<b>Number Analysis Program</b> 🔗 <a href="https://github.com/HamzaAmadu/min-and-max">https://github.com/HamzaAmadu/min-and-max</a> <ul style="list-style-type: none"><li>Developed a Python program that finds the minimum and maximum values from 10 numbers inputted in file.</li><li>Implemented robust error handling to manage invalid file inputs and edge cases effectively.</li></ul>