

MICHAEL FAMUREWA

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EDUCATION

University of Missouri – Kansas City <i>Master of Science – Computer Science</i> <ul style="list-style-type: none">Cumulative GPA: 3.8/4.0	Kansas City, MO	May 2025 (expected)
University of Missouri – Kansas City Bachelor of Arts – Computer Science <ul style="list-style-type: none">Cumulative GPA 3.8/4.0	Kansas City, MO	May 2025 (expected)

WORK EXPERIENCE

Software Research Assistant	Missouri Institute for Defense & Energy	Nov 2023 – Present
<ul style="list-style-type: none">Collaborated with team to build smart aiming laser system using microcontrollers and microcomputers.Programmed drone autonomy for various tests through both simulations, and live flight tests using python and C++.Researched alternative methods of drone communication.Collaborated with hardware researchers to port applications to hardware.		
IT Technician	Trial - Ex	Nov 2021 – Feb 2023
<ul style="list-style-type: none">Troubleshooted software and found solutions to issues daily.Created and managed large databasesAutomated redundant tasks such as redactions and file inventories.		

PERSONAL PROJECTS

Compa!

- An application that helps the user improve their overall Spanish skills by acting as a Spanish speaking friend.
- Implemented various modes of learning such as vocabulary or conversational.
- Fully built using JavaScript with React and Node.

Student-Life Organizer

- An application that allows the user to manage day to day tasks to stay organized.
- Worked with time libraries to implement due dates, reminders and confliction warnings.
- Used object-oriented programming concepts and custom linked lists implemented in C++ as the foundations of the project.

SKILLS

- Programming languages:** C/C++, Python, C#, JavaScript, HTML/CSS
- Technologies:** Git, React, Node, Express, MongoDB, Mac OS, Windows, Linux
- Mathematics:** Integral and deferential calculus, Linear Algebra, Discrete mathematics, Statistics & Probability
- Graphic Design:** Adobe InDesign, Adobe Illustrator, Adobe Photoshop, Canva, Adobe XD, Adobe AfterEffects

LINKS

- GitHub:** <https://github.com/michaelfamurewa?tab=repositories>
- LinkedIn:** www.linkedin.com/in/michael-famurewa-0aa77192