

KYRE SHAMWELL

(980) 258-2746 | kmshamwell@gmail.com

<https://kyremichael.github.io/>

EDUCATION

North Carolina Agricultural and Technical State University	Greensboro, Nc	May 2025
MAJOR: Computer Science		GPA: 3.1 / 4.0

Relevant Coursework: Data Structures, Data Base Design, Analysis of Algorithms, Internet Systems, AI & Machine Learning

TECHNICAL SKILLS

Languages: Python, C++, Java, Html, CSS, JavaScript, Json

OS: Linux, MacOS, Windows

Tools: Git/GitHub, Vs Code, Microsoft Word, PowerPoint, Excel

WORK EXPERIENCE

Collins Aerospace	Cedar Rapids, IA	Jun 2024 – Present
<i>Software Engineering Internship; Avionics department</i>		

- Migrated legacy Python 2 code to Python 3, including the removal of the qual-gui software, enabling tests to run directly through the qual software
- Analyzed and adapted Python 2 scripts to identify and integrate GUI-based tests into a Python 3 script, facilitating command-line execution and logging results to a text file.
- Conducted tests on the Fomax devices using the updated Python 3 script to ensure functionality and reliability.
- Pushed Python 3 test changes on a Linux server using Git and documented the modifications in AsciiDoc.

Collins Aerospace	Remote; Charlotte, Nc	Jan. 2023 – Dec. 2023
<i>Digital Technology Co-op; Cloud and Automation department</i>		

- Design, coordinate, implement, and support collaboration solutions for **71,000 end-user**.
- Work directly with **15+ end-users daily** to define and resolve their collaboration solution needs.
- Migrated **1,000 file shares** to Varonis a new data security platform.
- Work directly with **10+ end-users daily** to define and resolve their data security solution needs.

PESONAL PROJECTS

Personal Portfolio Website: Designed and implemented a personal portfolio website using HTML and CSS connected to a GitHub home repository to showcase coding skills. Integrated past coding projects from multiple GitHub repositories, highlighting proficiency in various programming languages and frameworks. Portfolio available at <https://kyremichael.github.io/>.

Personal PC Build: Assembled my first gaming PC in Summer 2022, guided by YouTube tutorials. Tasks included identifying requirements, sourcing and assembling components, installing software, performing tests, troubleshooting and resolving performance issues, resulting in a fully optimized system.

ACTIVITES AND ACHIEVEMENTS

Executive Leadership Council Scholar	June 2024
TMCF & RTX Scholarship x Internship	Summer 2023
TMCF Lowe's Immersion Program in Charlotte, Nc	Mar. 22 nd -24 th 2023
Member, Association of Computer Machinery Organization (ACM)	Dec. 2022 – Present
Member, National Society of Black Engineers (NSBE)	Dec. 2022 – Present
Leader, Lead Black History Month Walk	February 2022
Leader, Organizing/ Packing Party for the Homeless	February 2022