Kyre Shamwell

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EDUCATION B.A. Computer Science   May 2025
North Carolina Agricultural and Technical State University, Greensboro, Nc
- Relevant Coursework: Data Structures, Data Base Design, Analysis of Algorithms, Internet Systems, AI & Machine Learning
- GPA: 3.1/4.0; Dean's List: Spring 2022, Spring 2023

SOFTWARE SKILLS

Microsoft Suite: Word, PowerPoint, Excel, OneNote
Coding languages: Python, C++, Java , Html, JavaScript, CSS,
OS: Windows, Macos, Linux

WORK EXPERIENCE

Collins Aerospace (Raytheon Technologies)
Software Engineer Internship; Apart of the Avionics and RC Linux department   Jun 2025 – Present
Cedar Rapids, Iowa
- 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 foamax boxes using the updated Python 3 script to ensure functionality and reliability.

Digital Technology co-op; Apart of the Cloud and Automation's department   Jan.2023—Dec.2024
Remote, Charlotte, Nc
- Design, coordinate, implement, and support collaboration solutions for **71,000 end-users**.
- Work directly with **15+ end-users daily** to define and resolve their collaboration solution needs.
- Identify common issues within collaboration applications and develop processes to automate troubleshooting steps for end-user support.
- Work directly with **10+ end-users daily** to define and resolve their data security solution needs.
- Migrated **1,000 file shares** to a new data security platform.

Personal Projects
- **Personal portfolio:** 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/.
- **Home**: Throughout the summer of 2022, my first gaming PC was assembled, relying on guidance from YouTube at every stage. The process included identifying precise requirements, assessing, and procuring ideal components in accordance with these requirements, assembling the components with YouTube's assistance, installing software, conducting tests, addressing issues, and ultimately achieving the successful resolution of all performance-related matters.

COLLEGE ACTIVITIES And ACHIEVEMENTS

Executive leadership council scholar	June 2024
TMCF RTX Scholarship x Internship	Summer 2023
TMCF Lowe's Retail Immersion Program in Charlotte, NC	Mar. 22nd – 24th 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