Kyre Shamwell

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EDUCATION

North Carolina Agricultural and Technical State University   Greensboro, NC
Major: Computer Science   *May 2025*
GPA: 3.1 / 4.0
Dean's List: Spring 2022; Spring 2023
Relevant Coursework: Data Structures, Database Design, Analysis of Algorithms, Internet Systems, AI & Machine Learning

SKILLS

Languages: Python, C++, Java, HTML, CSS, JavaScript, Json
OS: Linux, MacOS, Windows
Tools: Git/GitHub, Vs Code, Microsoft Word. Microsoft PowerPoint, Microsoft Excel

PROFESSIONAL EXPERIENCE

Collins Aerospace   Cedar Rapids, IA
Software Engineer Internship; Avionics Department   *Jun. 2024 – Aug. 2024*
- Migrated legacy Python 2 code to Python 3, modified tests, and implemented HTML test output, enabling GUI-independent test runs.
- Converted GUI-based tests to Python 3, allowing command-line execution and logging results to a text file.
- Created an HTML interface with a Python localhost server to format and display test outputs using JavaScript.
- Tested updated Python 3 scripts on Airborne Flight Display (AFD) and Fomax devices, ensuring functionality and reliability.
- Used a Linux server to commit Python 3 modifications to GitLab and documented changes in AsciiDoc.

Remote, NC
Digital Technology Co-op; Cloud and Automation Department   *Jan. 2023 – Dec. 2023*
- 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.
- 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.

PERSONAL PROJECTS

Personal Portfolio Website:
- Designed and implemented a personal portfolio website using HTML and CSS.
- Connected the website to a GitHub home repository to showcase coding skills.
- Integrated past coding projects from multiple GitHub repositories.
- Highlighted proficiency in various programming languages and frameworks.
- Portfolio available at kyremichael.github.io.

Personal PC Build:
- Assembled my first gaming PC in Summer 2022, guided by YouTube tutorials.
- Identified requirements and sourced components for the build.
- Successfully assembled the PC and installed necessary software.
- Performed tests and troubleshoot performance issues, resulting in a fully optimized system.

ACHIEVEMENTS/AWARDS

Executive Leadership Council Scholar	June 2024
TMCF & RTX Scholarship x Internship	Summer 2023
TMCF Lowe's 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