



SAMUEL NICKLAUS

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Education

University of Iowa

Aug. 2020 – May 2024

Bachelor of Science in Engineering, Computer Science and Engineering; GPA: 3.58

Iowa City, Iowa

Minor in Mathematics

Relevant Coursework

- | | | | |
|-----------------------|-------------------|-------------------------|----------------------|
| • Data Structures | • Algorithms | • Machine Learning | • Embedded Systems |
| • Database Management | • Software Design | • Computer Architecture | • Internet of Things |

Experience

Siemens Government Technologies

May 2024 – Present

Software Implementation Consultant

Milford, Ohio

RTX

May 2023 – Aug. 2023

Digital Leadership Development Program: Project Management Intern

Remote

- Coordinated the updating and condensing of knowledge-based articles used by employees for troubleshooting purposes. Resulting in increased accessibility and effectiveness of articles
- Planned and programmed a software add-in for Microsoft Outlook that would automatically fill in meeting details for a given user

Collins Aerospace

May 2022 – May 2023

Software Engineering Intern

Coralville, Iowa

- Led in migrating critical server information containing transaction history from a local machine to a virtual machine off-site. Resulting in improved reliability and speed
- Developed data-focused software to pull relevant inventory data for display, generate Excel reports, and automatically order and track materials in a warehouse. Enhancing overall warehouse efficiency
- Created a multi-threaded file synchronization software deployed across over thirty machines. Allowing for greater reliability of data transfer between computers, keeping backups of files changed
- Built a user-facing web application, logging and displaying specific user data for managers and employees to view

Carousel Motors

May 2017 – May 2022

Part-Time Lot Porter

Iowa City, Iowa

Technical Skills

Languages: C#, Python, C++, Java, SQL, JavaScript, Haskell, Verilog, C, Assembly

Developer Tools: Google Cloud Platform, Microsoft Office Suite, SPICE Software, Microsoft SQL Server Management Studio, JetBrains Products, VSCode, Microsoft Visual Studio, VSTO

Technologies/Frameworks: Vue.js, Relational Databases, MongoDB, HTML, CSS, Node.js, Linux, GitHub, Gitlab, LaTeX, .NET, Subversion

Certifications: 98-349:MTA Windows Operating System Fundamentals

Leadership / Extracurricular

Collins Aerospace

Aug. 2022 – Dec. 2023

Student Ambassador

Iowa City, Iowa