

# SAMUEL NICKLAUS

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## Education

### University of Iowa

Aug. 2020 – May 2024

*Bachelor of Science in Engineering, Computer Science & Engineering; GPA: 3.52*

*Iowa City, Iowa*

*Focus Area in Big Data & Machine Learning*

*Minor in Mathematics*

## Relevant Coursework

- Data Structures
- Algorithms
- Networking
- Embedded Systems
- Database Management
- Software Design
- Computer Architecture
- Internet of Things

## Experience

### Raytheon Technologies

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 2016 – 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, Databases, HTML, CSS, Node.js, Linux, GitHub, WordPress, LaTeX, .NET, Subversion

**Certifications:** 98-349:MTA Windows Operating System Fundamentals

## Leadership / Extracurricular

### Collins Aerospace

Aug. 2022 – Present

*Student Ambassador*

*Iowa City, Iowa*

### The University of Iowa League of Legends eSports Club

Aug. 2022 – Present

*President*

*Iowa City, Iowa*

- Managed an eSports team consisting of anywhere from five to ten players in a given season. Worked with team to schedule games, practices, and communicated with tournament managers to resolve conflicts
- Led members to work towards goals to improve team performance as well as teach the importance of communication
- Communicated with other universities to plan and manage tournaments
- Facilitated club activities for over sixty active members. Activities included general meetings, sports events, and career development-focused meetings