

Sean Linko

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EDUCATION

Bachelor of Science in Computer Engineering

University of Cincinnati, Cincinnati, OH

Graduating May 2026

GPA: 3.69

- Mathematics Minor, Dean's List Scholar Fall 2022-Present, Cincinnati Century Scholarship recipient
- Relevant Coursework: Mechatronics, Embedded Systems, Software Engineering, Data Structures

EXPERIENCE

Chamberlain Group, Chicago, IL

Advanced Engineering Intern

August 2024-December 2024

- Developed a first-of-its-kind Wi-Fi HaLow scanner Android application that displayed information about nearby HaLow networks by collecting data over Bluetooth Low Energy from a Morse Micro development board.
- Collaborated with a UI Design team member to ensure an intuitive and visually appealing interface
- Performed field testing to evaluate the Morse Micro board's ability to detect Wi-Fi HaLow networks across different environments and ranges
- Facilitated project handoff by documenting processes and code on GitHub and Confluence and holding transfer meetings with the future developer

Cleveland-Cliffs Inc., Middletown, OH

Process Control Engineer Intern

May 2023-April 2024

- Saved 300 hours annually on product searches through full stack development of coil tracking system in C#
- Created software to alert managers/engineers by text/email when the Cognex camera system wasn't operational
- Designed C# programs to track 12 coil cars between 2 after-pickle lines and read RFID tags using IFM technology
- Developed C# applications to display data on company websites saving quality control employees 1 hour daily
- Produced a screen in iFIX to present data to a weight scale operator along with VBA programs to update iFIX tags

Cedar Fair Entertainment CO, Cincinnati, OH

May 2022-May 2023

Supervisor

- Simultaneously managed 15+ associates and supervised 6 independent food and drink stands maintaining operations generating up to \$20,000 revenue from the stands
- Completed inventory of 5 stands every Sunday night to document supplies to prevent loss and theft of product
- Analyzed use of 30+ products to ensure orders would provide supplies for next operating day, but not overstock
- Provided professional development for over 40 employees

SKILLS

Computer: Python, C++, LabVIEW, MATLAB, VBA, C#, SQL, Android Studio, IOT, BLE, Soldering, Embedded Systems

CLASS PROJECTS

Pinball Machine/Mechatronics

December 2025

University of Cincinnati, Cincinnati, OH

- Programmed and wired an ATMEGA328P microcontroller to control solenoids for pinball flippers, a drop-down target, and the ball launcher, along with logic for detecting other switch hits to award points to the player
- Utilized the ATMEGA328P's Timer, SPI, and USART registers to generate interrupts, handle data transmission, control scoreboard display, and generate PWM signals to handle all aspects of the pinball machine

Basic Fitness App/Software Engineering

May 2024-July 2024

University of Cincinnati, Cincinnati, OH

- Created an Android application using Android Studio to enable users to track caloric and protein intake, insert workout progress, and visualize trained muscles through a color-coded muscle diagram

Autonomous Product Retrieval System/Engineer Design Thinking 1120

January 2022-April 2022

University of Cincinnati, Cincinnati, OH

- Designed an autonomous robot for navigating through a warehouse until locating a correct box via a barcode scanner then picking it up and transporting it to a drop-off zone with a team of 4 other students

Available for Full Time Work in June 2026