

# CALEB ROE

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## EDUCATION

### Grand Valley State University

Bachelor of Science in Computer Science — 3.66 Cumulative GPA, 3.72 Major GPA

Expected May 2024

### Muskegon Community College

Associate in Science and Arts — magna cum laude

Aug. 2017 – Dec 2019

## EXPERIENCE

### Business Analyst

Sep 2022 – May 2023

Barcodes Inc.

Holland, MI

- Managed inventory and product data within Oracle NetSuite ERP and MS Excel for US and Canada regions
- Improved data control standards across the business and collaborated with clients on maximizing data flow
- Assisted in ERP and WMS migration, and formulated processes that improved and streamlined daily workflows

### Information Technology Support Specialist

May 2022 – Sep 2022

Barcodes Inc.

- Managed IT projects involving server, camera system, and AP installations across three locations
- Collaborated with international team of IT professionals supporting migration of data, hardware, and systems
- Created new software and procedures leading to higher work output and preventing estimated \$250k annual loss

### Preprint Department Lead

Jan 2020 – May 2022

Barcodes Inc.

- Led Barcode media solutions department, creating documentation, workflows, and system improvements, generating annual revenue of over \$300k YOY
- Worked with clients to design and implement new media for various proprietary systems and products
- Software training and business-partner mentoring for clients on new SAAS technologies and emerging technology

### Desktop Support Technician

May 2019 – Nov 2019

SAF Holland, Inc.

Holland, MI

- Provided solutions for a diverse range of software and hardware applications within a development team across US and Canada
- lead migration of employee records in AD, streamlining process for on-boarding, maintaining, and regulating users within HR
- Developed and maintained support documentation, enabling users to enhance their IT skills and productivity

## PROJECTS

### Connect 4 | JavaScript, Git

Nov 2021 – Dec 2021

- Developed a Connect 4 game in JavaScript featuring two-player game play, and ASCII visualization via CLI
- Implemented robust user input handling, logical algorithms for win detection, and error handling to ensure a seamless gaming experience

### Baking Simulator | C, Git

Apr 2023 - May 2023

- multi-threaded program that intricately models a collaborative kitchen environment where bakers work concurrently to bake diverse recipes
- Demonstrates use of parallel programming, resource management, and signal-driven control

### Atlas ATM | MySQL, Java, Maven, Git

Sept 2021 – Dec 2021

- Developed an ATM Application that allows users keystone features given by a bank system
- Created SQL back-end server to store and manage user data, and serve data via a secure authentication login
- Collaborated with a team of classmates to present deliverables through SCRUM and Agile methodologies

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, Ruby

**Applications:** Microsoft Cloud Platform, Azure AD, Oracle Netsuite, Cisco Meraki, Windows/Linux OS

**Developer Tools:** Git, Docker, VS Code, Visual Studio, IntelliJ, Eclipse

**Databases:** MySQL, MongoDB, Cassandra, Hadoop, Neo4J