

# Adam Jarvis

[adamjarvis04@gmail.com](mailto:adamjarvis04@gmail.com) • (513) 473-7755 • Cincinnati, OH • [jarvisar.github.io](https://jarvisar.github.io)

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## WORK EXPERIENCE

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### London Computer Systems (LCS)

May 2023 – Present

Software Developer (Full-Time)

Mason, OH

- LCS is a software company that offers several IT services including Rent Manager, NDT, and more ([lcs.com](https://lcs.com)).
- As developer, I collaborated with my team to develop Net Dial Tone (NDT), a VoIP telephone solution.
  - Built using OpenSIPS, Asterisk with ARI (Asterisk REST Interface), Angular NgRx, C# .NET, Node.js, and K8s.
- Designed advanced front-end Angular components, added backend API endpoints & business logic, implemented cross-platform web sockets, wrote integration & unit tests, and created CI/CD pipelines.
  - Spearheaded the development of a configurable state machine for creating complex ARI dialplans.

### Martin & Associates (MWA)

Aug. 2019 – Dec. 2021

Software Developer (Co-op)

Cincinnati, OH

- MWA is a computer consultant company that delivers ERP & CRM solutions to their clients ([martinandassoc.com](https://martinandassoc.com)).
- I led the development of integration services connecting ERP and CRM software purchased by our clients.
  - Created using primarily C#, .NET, multiple Web APIs, Quartz.NET, and ProvideX.
- Collaborated with clients to implement requested product features for maximum functionality and compatibility.
  - Responsible for assisting clients with technical support using BeyondTrust/Bomgar.
- Achieved Acumatica ERP & Creatio CRM Certification within 60 days.

### University of Cincinnati Carl H. Lindner College of Business

Jan. 2022 – May 2023

IT Help Desk Technician (Student Worker)

Cincinnati, OH

- Assisted with software installation, network troubleshooting, lab/classroom maintenance, and virus removal.
- Coordinated with other technicians to repair computer hardware and AV equipment in a timely manner.

### Phototype

May 2018 – Aug. 2019

Application Development Intern

Cincinnati, OH

- Streamlined business operations by designing reports, organizing internal documentation, restructuring sales database, refining CRM platform, and assisting in QA testing.

## EDUCATION

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### University of Cincinnati, College of Engineering & Applied Science

Graduated May 2023

BSc, Computer Science

Cincinnati, OH

- Awarded Cincinnati Scholarship, Dean's List; 3.5/4.0 GPA
- Involved with Theta Chi Fraternity, ACM@UC, & Student Government

## PERSONAL PROJECTS

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### PartyLine: DJ App

Feb. 2023 – Present

- Playlist collaboration tool allowing DJ's and party hosts to create crowd-controlled music queues.
  - Built using Flask backend, Angular frontend, Socket.IO, and SQLite database.
- Features responsive design for mobile users and Spotify API integration for track names, artists, and album art.

### Custom Interpreter & x86-64 Assembly Generator

Dec. 2022 – May 2023

- Developed an interpreter and custom programming language using Python and Assembly.
  - Includes a lexer, parser, symbol table, and semantic analyzer for AST construction and interpretation.
- Designed and implemented a code generator that translates the AST into executable x86-64 Assembly code.

### Additional Projects Available on Personal Site

- [jarvisar.github.io/#portfolio](https://jarvisar.github.io/#portfolio)

## SKILLS & INTERESTS

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- **Skills:** Full Stack Web Development (Angular, React, JavaScript Libraries); API Development (.NET, Node.js, Flask); Desktop Development (C#, Python, C++); SQL (MySQL, SQLite); CI/CD (Docker, K8s); Low-Level Programming; Git;
- **Interests:** 3D Printing, Hockey, Personal Projects, Sci-fi Books, Star Wars, RPG Games, Seinfeld, Astronomy,