

Adam Jarvis

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WORK EXPERIENCE

London Computer Systems

Software Developer

May 2023 – Present

Mason, OH

- LCS is a software company that offers several IT services including Rent Manager, NDT, and more (lcs.com).
- As developer, I actively contributed to the development of Net Dial Tone (NDT) and NDT 2.
 - VoIP telephone solution created using Asterisk and OpenSIPS built to manage customer communications.
- Collaborated with a team of developers to design and implement customer/admin portals and web APIs.
 - Primarily used ASP.NET and Angular framework.
- Achieved RentManager Certification within 90 days.

Martin & Associates

Software Developer (Co-op)

Aug. 2019 – Dec. 2021

Cincinnati, OH

- MWA is a computer consultant company that delivers ERP & CRM solutions to their clients (martinandassoc.com).
- I was the primary developer of integration services between ERP and CRM software sold as a product to clients.
 - Created using primarily C# .NET, multiple Web APIs, Quartz.NET, and ProvideX.
- Collaborated with clients to implement requested product features for maximum compatibility.
 - Also responsible for assisting clients with technical support using BeyondTrust/Bomgar.
- Achieved Acumatica ERP Certification within 60 days.

University of Cincinnati Carl H. Lindner College of Business

IT Help Desk Technician (Student Worker)

Jan. 2022 – May 2023

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

Application Development Intern

May 2018 – Aug. 2019

Cincinnati, OH

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

EDUCATION

University of Cincinnati, College of Engineering & Applied Science

BSc, Computer Science

Graduated May, 2023

Cincinnati, OH

- Awarded Cincinnati Scholarship, Dean's List; 3.4/4.0 GPA
- Involved with Theta Chi Fraternity, ACM@UC, Student Government

PERSONAL PROJECTS

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 – Present

- 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://github.com/jarvisar/#portfolio)

SKILLS & INTERESTS

- **Skills:** Full Stack Web Development (Angular, Node.js, JavaScript Libraries); API Development (Python, ASP.NET); Desktop Development (C#, .NET, C++); SQL (MySQL, SQLite); Low-Level Programming; Git; CI/CD; Docker; Agile;
- **Interests:** Artificial Intelligence, Hockey, Personal Projects, Reading Sci-fi, Design, Star Wars, Astronomy