**Adam Jarvis**

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**WORK EXPERIENCE**

**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.
* Spearheaded the development of a configurable state machine capable of creating complex ARI dialplans.
  + Also 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.

**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 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**

**University of Cincinnati, College of Engineering & Applied Science Graduated May 2023**

*BSc, Computer Science Cincinnati, OH*

* Awarded Cincinnatus Scholarship, Dean’s List; 3.5/4.0 GPA
* Involved with Theta Chi Fraternity, ACM@UC, & Student Government

**PERSONAL PROJECTS**

**PartyLine: DJ App Feb. 2023 – Present**

* Playlist collaboration web-application 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**

* <https://ajarvis.co/#portfolio>

**SKILLS & INTERESTS**

* **Skills:** Web Development (Angular, NgRx, D3.js, Three.js); API & Server Development (ASP.NET, Node.js, nginx, Flask); Desktop Development (C#, Python, C++); CI/CD (Docker, K8s); Low-Level Programming; SQL; Git
* **Interests:** Hockey, 3D Printing, Sci-fi Books, Hiking, Star Wars, RPG Games, Seinfeld, Astronomy