Adam Jarvis

adamjarvis04@gmail.com • +1 (513) 473-7755 • Cincinnati, OH • https://ajarvis.co

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).
- 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).
- 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