

# Adam Jarvis

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

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## WORK EXPERIENCE

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### London Computer Systems

Software Developer

May 2023 – Present

Mason, OH

- LCS is a software company that offers IT services including Rent Manager, NDT, and more ([lcs.com](https://lcs.com)).
- As a developer, I actively contributed to the development of Net Dial Tone (NDT) and NDT 2.
  - VoIP telephone solution created using Asterisk and OpenSIPS.
- 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

Jr. Software Developer (Co-op)

Aug. 2019 – Dec. 2021

Cincinnati, OH

- Computer consultant company that delivers ERP & CRM solutions to their clients ([martinandassoc.com](https://martinandassoc.com)).
- I was the primary developer of multiple integration services between ERP and CRM software.
  - Created using C# .NET, 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

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### 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

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### NASA Exoplanet Archive Search

Oct. 2022 – Mar. 2023

- Angular PWA that searches NASA's Exoplanet Archive and displays results in an interactive table.
  - Developed as my senior design project ([jarvisar.github.io/senior-design](https://github.com/jarvisar/senior-design))
- Features responsive design for mobile devices and streamlined data retrieval using caching.

### Arithmetic Interpreter & x86-64 Assembly Generator

Oct. 2022 – Mar. 2023

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

### Additional Projects Available on Personal Site

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

## SKILLS & INTERESTS

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- **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, Personal Projects, Hockey, Reading, Star Wars, Design, Astronomy