

Garrett Vernon

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EDUCATION

Franklin University, **Bachelor of Science in Computer Science**

May 2026

- Choose Ohio First STEM Scholarship Recipient
- Dean's List

Georgia Institute of Technology, **Master of Science in Computer Science (OMSCS)** Starting Fall 2026

- Specialization: Artificial Intelligence
- Part-Time Program While Working Professionally

EXPERIENCE

Heir Advisors, LLC

Junior Software Engineer (Contract, Remote)

July 2025 - Present

- Developed automation scripts for OCR and document workflows processing 100K+ records
- Collaborated with company leadership to develop and launch a redesigned company website, managing hosting, deployment, and domain configuration
- Streamlined large -scale data extraction and conversion pipelines
- Built internal tooling supporting remote research and ownership analysis workflows

IT Technician (Contract)

October 2024 - July 2025

- Supported remote data operations and document processing workflows
- Assisted with data extraction and systems support across multiple environments
- Maintained technical systems and user support operations in a hybrid work environment
- Assisted with website updates and general web administration tasks

PROJECTS

HomeLink Service Hub – Angular, Java, Spring Boot, MySQL, AWS

Full-stack marketplace platform connecting homeowners with service providers

- Transformed a university capstone into a production-style full-stack marketplace platform
- Architected a three-role system (homeowner, provider, admin) with role-based access control
- Built JWT-secured REST APIs using Spring Boot and integrated Angular frontend
- Designed and implemented end-to-end service request and payment processing workflows
- Deployed scalable infrastructure on AWS (Elastic Beanstalk, RDS, S3, CloudFront)
- Automated CI/CD pipeline using GitHub Actions

Luex Application – C#, .NET MAUI, Firebase

Cross-platform financial tracking application for desktop and Android with real-time cloud synchronization.

- Designed application architecture and user workflows for structured financial tracking
- Built cross-platform UI using .NET MAUI and XAML
- Integrated Firebase Firestore for real-time data synchronization across devices
- Implemented scalable data handling for consistent multi-device user experience

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, C#, SQL, HTML, CSS

Frameworks & Libraries: Spring Boot, Spring Security, Angular, Next.js, FastAPI, .NET MAUI, MVVM, Node.js

Cloud & Databases: AWS, MySQL, PostgreSQL, Firebase Firestore, SQLite, Redis

Tools & Technologies: Git, GitHub, GitHub Actions, Docker, Maven, npm, Vercel