

Noah Greenbaum

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Permanent Address

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University Address

901 Oxford Commons
Oxford, OH 45056

EDUCATION

Miami University, College of Engineering and Computing, Oxford, OH
Bachelor of Science in Computer Science

Graduated: May 2024

Miami University, College of Engineering and Computing, Oxford, OH
Master of Science in Computer Science

Graduation: May 2025

Graduate Research, College of Engineering and Computing, Oxford, OH
Thesis on Privacy Preservation in Federated Learning

September 2024 - Present

SKILLS

- **Programming Languages:** Python, Java, C++, React, JavaScript, jQuery
- **Frontend Development:** UI/UX design and development using React and JavaScript frameworks
- **Backend Development:** REST API development, data access layers, database schema creation
- **Agile & DevOps:** Experience with Agile workflows, CI/CD pipelines, containerization with Docker, version control (GIT)
- **Automated Testing:** Writing unit, integration, and functional tests
- **Database & Queries:** SQL, relational databases, non-relational databases, mongo db, firebase
- **Web Technologies:** HTML, CSS, JSON, XML, JavaScript, PHP, HTTPS, API
- **Other Technical Skills:** Requirement analysis, QA coordination, Linux system integration

WORK EXPERIENCE

KDC Consulting Fairfield, OH | *Computer Science Senior Intern*

May 2023 – Present

- 2023
 - System Hierarchy Mapping (Complete)
 - Developed Python scripts to interface with the cloud-based report writing system
 - Created and implemented a method to download and map the system ensuring efficient management and collaboration
- 2023 - 2024
 - POS virtual signage project (Complete)
 - Led the development of a web-based smart virtual signage system
 - Designed a solution for unattended breakroom employee/store statistics display
 - Implemented network fail-safe solution to ensure continuous system operation
 - Integrated touchpad functionality for menu navigation, movement controls, and onscreen timers
- 2024
 - Native Mobile Application Project Manager (In Progress)
 - Developing a mobile application to display inventory and financial responsibility for customers
 - Implementing native features to enhance user experience and functionality
 - Ensuring seamless integration with existing systems for real-time data access
 - Implemented GIT for version control, enabling efficient collaboration and management of codebase changes Linux Thin client (In Progress)
 - Creating a Linux image for Dell/Wyse thin clients
 - Developing a package for POS self-installation
 - Ensuring compatibility across all stores with seamless cloud access

Miami University | *Web Application Programming Leading Teaching Assistant*

August 2022 – Present

- Maintained and assisted students in Full Stack Development
- Graded application-based labs and homework assignments, held office hours for open support

- Coordinated a team of teaching assistants, ensuring timely student support, efficient assignment grading, and organized office hours

Thaddeus Resource Center | *Web Development Intern*

January 2023 – June 2023

- Effectively communicated with multiple technical teams to work simultaneously on multiple projects
- Project manager of the web development team and power automate team

Virtual PC's Holland, OH | *IT Intern*

May 2020 – June 2020

- Effectively work as part of a team with two senior program and hardware specialists
- Completed new hardware builds on over 20 systems
- Performed troubleshooting on operating systems and resolved issues
- Orchestrated operating system and software installations