

HARKER LECROY

614.625.3509 | lecroyharker@gmail.com | Columbus, OH | [LinkedIn](#), [Handshake](#) & [GitHub](#) : harkerlecroy

TECHNICAL SKILLS

- **Languages:** Java, C, Python, x86 Assembly, R, HTML/CSS, JavaScript (React), GNB Debugger
- **Tools & Technologies:** Git, Node.js, Express, Firebase, Pandas, Swift, VSCode, Linux, Excel

EDUCATION

The Ohio State University

College of Engineering | BS | GPA 3.4

Columbus, OH

Graduation: May 2027

Degree: Computer Science and Engineering, Specializing in Software Engineering

- **Relevant Coursework:** Data Structures & Algorithms, Statistics/R, Systems Programming, Multivariable Calculus
- **Awards:** Provost Scholarship (merit-based academic award)

PROJECT EXPERIENCE

Founder, Roomies (Best of Student Startups Competition BOSS): Swift, Xcode

September 2025 – Present

- Developing *Roomies*, a shared household app for roommates and partners featuring rotating cleaning charts, checklists, grocery requests, notes, and a shared calendar, while learning user-centered design strategies.

PantryPal, HackOHI/O 24-Hour Hackathon: Prototype, React, Node.js, Express, Firebase

October 2025

- Collaborated with three other team members to develop a full-stack AI-powered recipe recommendation web application with user authentication and a Firebase backend.

Game of Set (Web Application Course): Ruby

August 2025

- Designed and implemented an object-oriented version of the card game *Set*, developed custom classes for cards, decks, and game logic while collaborating in a GitHub-based group project environment.

WORK EXPERIENCE

The Ohio State University College of Engineering

Columbus, OH

Teaching Assistant – Foundations 1 (CSE 2321: Algorithm Analysis)

January 2025 – Present

- Guide 60 students in coursework regarding Big O notation, algorithm analysis, recurrence relations while observing grading deadlines.
- Improving student performance by leading structured review sessions and providing one-on-one mentorship.

Private Family

New Albany, OH

Nanny

March 2023 – Present

- Support children's development and well-being through structured routines and creative activities; strengthening communication, patience, and adaptability through close coordination with family members.

Council of Development Finance Agencies

Columbus, OH

Research Intern

June 2021 – June 2023

- Updated and maintained company databases regarding membership and library information, ensuring data accuracy.

EXTRACURRICULARS

Kappa Alpha Theta – Alpha Gamma Chapter

Columbus, OH

Philanthropy and DEI Committee Member

January 2024 – Present

- Selected to represent chapter at the Emerging Leaders Conference 2025 in Colorado. Started a clothes-lending program used by 30+ members to promote financial inclusion within the chapter.

Artificial Intelligence Club (OSU)

Columbus, OH

Outreach Committee Member

August 2023 – Present

- Contributed to a record-breaking turnout for HackAI by organizing effective student outreach campaigns.

Society of Women Engineers (OSU)

Columbus, OH

Member

August 2023 – Present

- Attend weekly meetings regarding educational and professional development.