HARKER LECROY

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EDUCATION

The Ohio State University **Columbus, OH**
College of Engineering | BS *Expected Graduation: May 2027*
- **Degree**: Computer Science and Engineering | **Minor**: Spanish

TECHNICAL SKILLS

- **Technology (Intermediate):** Java, C Programming Language, MATLAB, OnShape/CAD, HTML, Excel
- **Technology (Novice):** Python, x86, GDB Debugger
- **Language (Professional Working Proficiency):** Spanish

PROJECT EXPERIENCE

HackAI: 24-hour Hackathon Challenge *February 2024*
- Developed and trained an AI model to predict 2024 March Madness brackets using data from 2008-2022.

Artificial Intelligence Emotion Recognition Model *October 2023*
- Designed a Python-based emotion recognition model with the Ohio State AI Club. Began initial model training.

WORK EXPERIENCE

The Ohio State University College of Engineering **Columbus, OH**
Teaching Assistant *January 2025 – Present*
- Grader and teaching assistant for Foundations 1 (logic, algorithm analysis, recurrence relations, asymptotic analysis).
- Hold office hours to assist students in comprehension of class material while observing grading deadlines.

CareYaya Health-Tech Startup **Remote**
Software Engineering Shadow / Student Ambassador *April 2024 – January 2025*
- Shadow software developers in the development of artificial intelligence tools aimed at improving home care for elderly and medically vulnerable patients.
- Conduct outreach to OSU medical students, promoting CareYaya's patient care opportunities.

DASI Simulations **Dublin, OH**
Engineering Shadow *October 2022 – January 2023*
- Observed software and biomedical engineers at a health-tech startup specializing in computational predictive modeling to improve patient outcomes with structural heart disease.
- Gained insight into the overlap between software engineering and medical development.

Council of Development Finance Agencies **Columbus, OH**
Research Intern *June 2021 – June 2023*
- Update and maintain company databases regarding membership and library information, ensuring data accuracy.
- Collaborated with remote teams on both long- and short-term projects.

EXTRACURRICULARS

Artificial Intelligence Club (OSU) **Columbus, OH**
Outreach Committee Member *August 2023 – Present*
- Contributed to a record-breaking turnout for HackAI 2024 by organizing effective student outreach campaigns.
- Participate in weekly sessions to learn more about AI and network with other students and faculty.

Society of Women Engineers **Columbus, OH**
Member *August 2023 – Present*
- Engage in networking events and workshops geared towards professional development, gaining leadership skills, and empowering women in engineering at Ohio State.

Kappa Alpha Theta – Alpha Gamma Chapter **Columbus, OH**
Philanthropy Committee Member *January 2024 – Present*
- Help to plan and support fundraising events, raising money for CASA and the Theta Foundation.