

Ryan Jackman

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EDUCATION

The Ohio State University

Bachelor of Science in Engineering, Computer Science and Engineering

Columbus, OH

Expected May 2027

EXPERIENCE

Incoming Software Engineering Intern, CCIB Technology

Wells Fargo

Charlotte, NC

Summer 2026

Software Engineering Intern

Vertiv

Columbus, OH

May 2025 – Aug. 2025

- Built a full-stack internal developer dashboard used by 15+ engineers to streamline software packaging and deployment by developing a Vue.js and Express application with Bootstrap and SQLite3.
- Reduced developer setup time by 40–60% by enabling VM path configuration, credential management, and build execution through a centralized web-based UI.
- Accelerated deployment cycles and improved debugging by integrating real-time terminal output for live build logs and implementing one-click artifact transfer workflows.

PROJECTS

EyeDentify | BoilerMake XII Hackathon, Roboflow Challenge Winner

Feb. 2025

- Built a real-time web application to detect eye strain indicators and notify users to take breaks by integrating React.js, Node.js, and the Roboflow API.
- Enabled detection of visual fatigue signals such as redness and puffiness by designing and deploying a computer vision inference pipeline.
- Led dataset curation and model training using Kaggle data, achieving strong model accuracy and laying the groundwork for future analytics expansion.

Market Regime-Based Trading Strategy | SIAM2I / Nationwide Quantathon Winner

Mar. 2025

- Designed and implemented a predictive asset allocation strategy that dynamically rebalanced portfolios by classifying market regimes using Python, Random Forests, and logistic regression.
- Achieved a 46.8% portfolio return with a Sharpe Ratio of 0.70 by applying supervised learning models to historical market data.

LEADERSHIP & ACTIVITIES

President

OHI/O – Ohio State’s Hackathon Program

Columbus, OH

2024 – Present

- Leading OHI/O, OSU’s student-run hackathon program, overseeing HackOHI/O (800+ participants) and MakeOHI/O, coordinating executive board operations, sponsor relationships, and year-round programming.
- Directed MakeOHI/O 2026, OSU’s largest student-run makeathon, growing attendance to an all-time record of 475 registrants and increasing project submissions 17% year-over-year (46 to 54).
- Secured 3 industry partners (AEP, Honda, Intel) who provided sponsored challenges and on-site representatives, and recruited 22 in-person mentors alongside a dedicated mentor networking event.
- Expanded accessibility by organizing 2 beginner-focused workshops and coordinating with the Electronics Club to staff a hardware table throughout the weekend.

Vice President & Peer Mentor Team Lead

CSE/CIS Peer Mentors

Columbus, OH

2023 – Present

- Led a team of peer mentors supporting incoming CSE students across introductory engineering courses by providing academic guidance and transition support.
- Planned and moderated panels enabling underclassmen to learn strategies for academic success, campus involvement, and long-term career growth in engineering.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, TypeScript, SQL (PostgreSQL, SQLite3), HTML/CSS, \LaTeX

Frameworks & Libraries: React.js, Next.js, Vue.js, Node.js, Express, Tailwind CSS, pandas, OpenCV, scikit-learn

Developer Tools: Git, GitHub, VS Code, Eclipse, Google Colab, Vercel, Supabase, Linux/Unix