# Jackson Moody

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## EDUCATION

**Harvard University** — May 2026
*Bachelor of Arts in Computer Science, Mind Brain Behavior Track | 3.95 GPA* — Cambridge, MA
**Coursework**: Data Structures and Algorithms, Machine Learning, Systems Programming, Linear Algebra, Probability
**Activities and Leadership**: Tech for Social Good (Team Lead), Datamatch (Engineering Lead), Harvard Computer Society (Board Member), Teaching Assistant for Data Structures and Algorithms, Asian American Dance Troupe

## SKILLS

**Languages**: Python, Java, C++, JavaScript/TypeScript, React, Next.js, HTML, CSS, PyTorch, TensorFlow, SQL
**Technical Skills**: AWS (S3, CloudFront, Route 53), Git, CI/CD Deployment, Agile Practices, Unit Testing, E2E Testing

## EXPERIENCE

**WHOOP** — June – August 2024
**Software Engineering Intern** — Boston, MA
- Developed the highest ROI feature on join.whoop.com in the past year, resulting in 20,000+ additional sales.
- Shipped 7 user experience improvements in React, boosting the whoop.com conversion rate by 14% in 3 months.
- Updated Java backend to support free shipping and paying with a pre-saved credit card, reducing average checkout time by 5-6 minutes per customer.
- Engineered dashboard in Next.js to manage A/B testing, saving an estimated 500+ developer hours annually.

**General Services Administration** — June – August 2023
**Software Engineering Intern** — Remote
- Created an HTML/CSS template for displaying long-form content on digital.gov, enabling the publication of 300+ pages of new material adhering to WCAG accessibility standards.
- Developed a novel approach to automating HR data reconciliation in Python, saving over 350 hours annually.
- Selected for Coding It Forward Civic Digital Fellowship (4% acceptance rate).

**Formlabs** — June – August 2022
**Product Intern** — Remote
- Pioneered growth of the Formlabs Access Initiative, allowing underserved students at 20+ institutions nationwide to access advanced 3D printing technology.
- Collaborated with a cross-functional team of engineers, designers, and external partners to develop a new curriculum for teaching rapid prototyping techniques.
- Forged relationships with 50+ influencers across YouTube, TikTok, and Instagram—boosting site traffic by 15%.

**Intelligent Robotics Laboratory, University of Colorado Boulder** — June – August 2021
**Machine Learning Research Intern** — Boulder, CO
- Trained lightweight neural networks in PyTorch and TensorFlow to classify the location and magnitude of force on prosthetic hands with greater than 85% accuracy.
- Designed an algorithm to interweave rigid and soft filaments in 3D printed actuators, increasing adhesion by 10%.

## PROJECTS

**Datamatch** | *Next.js, TypeScript, Python, MongoDB* — February 2024 – Present
- Spearheaded the largest website overhaul in 25+ years—transitioning the frontend to Next.js and creating 30+ new backend services. Eliminated 5 security vulnerabilities and improved page loading speeds by 18% as a result.
- Managed team of 25+ student developers in an Agile development environment.
- Used by 50,000+ students with 235,000+ matches in 2024. Available at datamatch.me

**Crimson Carshare** | *React, TypeScript, Next.js, Supabase* — December – January 2024
- Designed and built a platform for Harvard undergraduates to find and share Uber/Lyft rides with each other.
- Used by 100+ students at launch. Available at crimson-carshare.live

**CovEducation** | *C++, React, Node.js, SQL* — January – August 2023
- Engineered C++ algorithm to match mentors and mentees nationwide, along with a Next.js dashboard for CovEducation affiliates to connect with each other online.
- Used by 6,000+ mentors and mentees to date. Available at dashboard.coved.org