

# Eduardo Morales

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## Education

**University of Illinois at Urbana-Champaign**

*Bachelor of Science in Computer Science and Mathematics*

**Expected May 2026**

*GPA: 3.87*

## Experience

**Software Engineer Intern**

*Nextdoor*

**May 2025 – Aug. 2025**

*San Francisco, CA*

- Architected and optimized Nextdoor's canary deployment pipeline, enabling early promotions via real-time pod availability across 4+ microservices and reducing release latency by 11%
- Designed and deployed a Datadog-based observability layer with per-cluster agent scraping, improving canary visibility across 6 services and cutting incident triage time by 30%
- Implemented traffic-shifting and service-mesh routing logic using subset-based DestinationRules to support experimental images in 2 services, reducing rollback risk and increasing deployment reliability

**Software Engineer Intern**

*Enova*

**June 2024 – Aug. 2024**

*Chicago, IL*

- Developed a backend API in Go to ingest GitHub webhook metadata and trigger automated Slack notifications, accelerating the organization's code review pipeline by 42%
- Designed and normalized 7 PostgreSQL tables to track PR metadata and API subscribers, reducing redundant queries by 30% and improving long-term data storage efficiency
- Enhanced internal development workflows by integrating webhook validators, structured logging, and retry logic, improving API robustness and reducing incident noise

**Software Engineer Intern**

*Nextcloud*

**Nov. 2023 – May 2024**

*Stuttgart, Germany*

- Built a PHP API enabling extensible file metadata storage in MySQL, expanding core product functionality and supporting two new file-information display modes used by enterprise customers
- Enhanced frontend accessibility and keyboard navigation across 14+ Vue.js components via focus-traps, event listeners, and ARIA-aligned semantics, helping secure two university-level partnerships

## Leadership

**B[U]ILT: Black, Indigenous, and Latinx in Tech**

*Secretary*

**April 2025 – Present**

*University of Illinois Urbana-Champaign*

- Grew active membership by 20% and boosted newsletter CTR by 30% through targeted communication and automated onboarding workflows using Google Forms + Sheets
- Owned end-to-end logistics for 10+ technical and social events per semester, ensuring smooth coordination, room scheduling, external partner collaboration, and attendee engagement for a 50+ member organization

## Projects

**Workout Tracker and Gym Logger** | *Go, Firebase, React, Docker* | GitHub Repo

**March 2025 – Present**

- Designed and implemented an end-to-end workout logging platform with a Go backend, React frontend, Firebase authentication, and Firestore data storage; supports over 200+ logs and 30+ active users
- Deployed the application to Railway using Docker and GitHub Actions, creating a CI/CD pipeline that automates image builds, ensures consistent test coverage above 50%, and streamlines release management

## Technical Skills

**Languages:** Go, TypeScript, JavaScript, Python, Java, PHP, C, C++, SQL (PostgreSQL, MySQL)

**Technologies:** Kubernetes, Docker, AWS, GCP, Prometheus, Datadog, Helm, React, Vue, Next.js, Tailwind CSS, Git, CI/CD (GitHub Actions), NumPy, pandas, Matplotlib, Git