

Eduardo Morales

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Education

University of Illinois at Urbana-Champaign <i>Bachelor of Science in Computer Science and Mathematics</i>	Expected May 2026 <i>GPA: 3.87</i>
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Experience

Software Engineer Intern <i>Nextdoor</i>	May 2025 – Aug. 2025 <i>San Francisco, CA</i>
<ul style="list-style-type: none">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 <i>Enova</i>	June 2024 – Aug. 2024 <i>Chicago, IL</i>
<ul style="list-style-type: none">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 efficiencyEnhanced internal development workflows by integrating webhook validators, structured logging, and retry logic, improving API robustness and reducing incident noise	
Software Engineer Intern <i>Nextcloud</i>	Nov. 2023 – May 2024 <i>Stuttgart, Germany</i>
<ul style="list-style-type: none">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 customersEnhanced 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 <i>Secretary</i>	April 2025 – Present <i>University of Illinois Urbana-Champaign</i>
<ul style="list-style-type: none">Grew active membership by 20% and boosted newsletter CTR by 30% through targeted communication and automated onboarding workflows using Google Forms + SheetsOwned 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 <i>Go, Firebase, React, Docker</i> GitHub Repo	March 2025 – Present
<ul style="list-style-type: none">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 usersDeployed 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