Eduardo Morales

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EDUCATION

University of Illinois Urbana-Champaign　　　　　　　　　　　　　　　　　Aug. 2022 – May 2026
Bachelor of Science in Mathematics and Computer Science　　　　　　　　　　　　　*GPA: 3.87*

EXPERIENCE

Nextdoor　　　　　　　　　　　　　　　　　　　　　　　　　　　　May 2025 – Aug. 2025
Software Engineer Intern　　　　　　　　　　　　　　　　　　　　　　　*San Francisco, CA*
- Improved canary promotion speed across 4+ microservices by enabling early promotions based on pod availability, reducing release time by 11% for services using horizontal pod scaling
- Built a Datadog dashboard to monitor canary deployments across 6 microservices by enabling per-cluster agent-based metric scraping, improving observability and reducing average incident triage time by ∼30%
- Enabled traffic shifting to experimental images in 2 services by integrating subset-based DestinationRules into open-source canary deployment library, reducing release risk by replacing slow rollback mechanisms

Enova　　　　　　　　　　　　　　　　　　　　　　　　　　　　June 2024 – Aug. 2024
Software Engineer Intern　　　　　　　　　　　　　　　　　　　　　　　　*Chicago, IL*
- Developed an API in Go, receiving pull request (PR) metadata from GitHub's Webhook API to automate sending Slack messages, accelerating organization's code review and integration workflow by 42%
- Created 7 PostgreSQL tables to track PR metadata and API service subscribers, utilizing lookup tables to reduce service's data storage usage and eliminate repeated calls by 30%

Nextcloud　　　　　　　　　　　　　　　　　　　　　　　　　　　Nov. 2023 – May 2024
Software Engineer Intern　　　　　　　　　　　　　　　　　　　　　　*Stuttgart, Germany*
- Engineered a PHP API enabling MySQL databases to support file metadata storage, enhancing core product functionality with diverse metadata display capabilities, resulting in 2 new display options for file information
- Increased product's accessibility on 14 Vue components by adding focus-traps and keyboard listeners, leading to a BITV certification and securing 2 universities as product customers

LEADERSHIP

B[U]ILT: Black, Indigenous, and Latinx in Tech　　　　　　　　　　　　　April 2025 – Present
Secretary　　　　　　　　　　　　　　　　　　　*University of Illinois Urbana-Champaign*
- Grew active membership by 20% and newsletter CTR by 30%; automated invites and communications via Google Forms and Sheets, driving 10% month over month Slack growth
- Owned logistics (room bookings, office access) and coordination for 10+ professional/social events per semester; maintained smooth operations for a 50+ member org

PROJECTS

Workout Tracker and Gym Logger | *Go, Firebase, React, Docker* | Live Demo　　　March 2025 – Present
- Engineered a gym progression tracking and logging website using React and Go, implementing authentication and storing 200+ workout logs with GCP Firebase, enhancing user experience and attracting 30+ active users
- Deployed application to Railway, leveraging GitHub Actions to automate Docker image builds and maintain consistent code coverage above 50%, ensuring a streamlined and reliable deployment process

TECHNICAL SKILLS

Languages: Go, TypeScript, JavaScript, PHP, C, C++, Python, SQL, PostgreSQL, MySQL
Technologies: Git, Docker, Kubernetes, Helm, Prometheus, DataDog, Amazon Web Services (AWS), Google Cloud Platform (GCP), React, Vue, Tailwind CSS, pandas, NumPy, Matplotlib