

Eduardo Morales

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EDUCATION

University of Illinois Urbana-Champaign

Bachelor of Science in Mathematics and Computer Science

Aug. 2022 – May 2026

GPA: 3.90

EXPERIENCE

Enova

Software Engineer Intern

June 2024 – Aug. 2024

Chicago, IL

- Developed an API in Go, receiving pull request (PR) metadata from GitHub's Webhook API to automate sending Slack messages, accelerating organizations 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%
- Integrated service metadata into Datadog, revealing service adoption of 23 developers within 3 weeks of launch

Nextcloud

Software Engineer Intern

Nov. 2023 – May 2024

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, securing 2 universities as product customers
- Developed a 'Personal Files' view in TypeScript, improving file distinction and eliminating related support tickets by 90%, earning praise from 12 customers

University of Illinois Chicago

Data Analyst Research

June 2023 – Aug. 2023

Chicago, IL

- Analyzed correlations between patent data and job market trends using NumPy, uncovering a 12% annual increase in new remote job positions since 2019
- Conducted statistical analysis using Python to explore the relationship between employment rates and patent grants, revealing an increase in employment rates of 1.1% per 1k patent grants

PROJECTS

Workout Tracker and Gym Logger | *Go, Firebase, React, Docker* | View Deployment

March 2025 – Present

- Engineered a gym progression tracking and login 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, Amazon Web Services (AWS), Google Cloud Platform (GCP), Datadog, React, Vue, Tailwind CSS, pandas, NumPy, Matplotlib