

Eduardo Morales

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EDUCATION

University of Illinois Chicago

Bachelor of Science in Computer Science — GPA: 4.0

Chicago, IL

Graduation: May 2026

EXPERIENCE

Student Software Engineer Intern | *Vue.js, PHP, Docker, CI/CD*

November 2023 – May 2024

Nextcloud

Stuttgart, Germany

- Collaborated with a team of 11 developers to maintain/update an open-source code-base with 1.1k contributors.
- Streamlined time-reliant component to update/filter client-side sub-menu options every 30 minutes.
- Overhauled 10+ components, integrating keyboard listeners and focus traps to adhere to ARIA guidelines.
- Engineered a 'Personal Files' view using Nextclouds Files API to filter files and folders only available to the user.

Data Analyst Intern | *Python, Pandas, SciKitLearn, spaCy, NLTK*

June 2023 – August 2023

University of Illinois Chicago

Chicago, IL

- Examined 20 gigabytes of patent data sets spanning over 3 decades, finding relations in patents and job trends.
- Collected the 10 most valued developer skills from online job posting documents by using Word2Vec.
- Discovered a 12% increase in remote job postings from patents relating to remote discoveries granted two years prior.

TECHNICAL SKILLS

Languages: Python, C/C++, JavaScript/TypeScript, HTML/CSS/SCSS, PostgreSQL, PHP

Frameworks: React, Vue.js, Node.js, Express, TailwindCSS

Libraries: Pandas, NumPy, Matplotlib, Seaborn, Framer, Material UI, Redux, SciKitLearn, spaCy

Developer Tools: Git, VS Code, Docker, PyCharm, Jupyter Notebook/Labs, Jest, GTest, Catch, GDB, Vite, Webpack, Mongo Compass, WordPress, Anaconda, Postman, Jira, Firebase, Github Actions

PROJECTS

NanoByte Media | *Vite, React, TailwindCSS, TypeScript, MaterialUI, Firebase*

April 2022

- Deployed a full-stack React SPA social media website, allowing real-time chatting between 2 registered users.
- Incorporated Firebase to allow users to choose 3 different ways to authenticate and login.
- Developed with a mobile-first design using MaterialUI and TailwindCSS for cross-platform usage.

The Do List | *Webpack, LocalStorage, TailwindCSS, JavaScript, GitHub Pages*

December 2022

- Engineered an organizational system with LocalStorage allowing for tasks to be saved upon revisiting the website.
- Utilized Date-FNS to allow users to have a timeline for their tasks within the 3 default project sections.

PROFESSIONAL ASSOCIATION

Association for Computer Machinery (ACM) | *SIG Webdev Team Member*

Flourish Conference 2023 | *React, TailwindCSS, Figma*

September 2022 – May 2022

- Collaborated with ten contributors to a full-stack web application created with React and Tailwind to promote an open source conference.
- Implemented and contributed to Figma designs, creating two modules using an open-source Google Maps API to lead users to their destination, allowing team members to integrate an event location tracking feature.

LOGICA Team Member | *Latinx Organization for Growth in Computing and Academics*

Junior Web Admin

May 2022 - Present

- Organized events with 12 other board members to inform students on early-career opportunities.
- Created an informational website using React and Node.js to increase our weekly event attendance numbers.