Eduardo Morales

847-833-3438 | emoral435@gmail.com | moraleseduardo.com | linkedin.com/in/emswe | github.com/emoral435

EDUCATION

University of Illinois Chicago   Chicago, IL
Bachelor of Science in Computer Science   *Graduation: May 2025*
Related Coursework   GPA: 4.0
Program Design, Mathematical Foundations of Computer Science, PythonDS3

EXPERIENCE

Data Analyst Intern   June 2023 – August 2023
University of Illinois Chicago   *Chicago, IL*

- Analyzed data sets over 20 gigabytes cumulatively spanning over 3 decades to find relations in granted patents and job postings and social media trends.
- Utilized Jupyter Notebook to show with Seaborn/Matplotlib increasing numbers of granted patents positively affected the number of online job postings.
- Applied word embedding with Doc2Vec to check for positive trends between patent abstracts and career fields of online job postings.

TECHNICAL SKILLS

Languages: Python, C/C++, JavaScript, TypeScript, HTML/CSS
Frameworks: React, Node.js, TailwindCSS
Developer Tools: Git, VS Code, PyCharm, Jupyter Notebook, Jest, Vite, Firebase. MongoDB, WordPress, Anaconda
Libraries: pandas, NumPy, Matplotlib, Seaborn, Date-FNS, Lodash, Framer, Material UI, Redux

PROJECTS

NanoByte Media | *Vite, React, TailwindCSS, TypeScript, MaterialUI, Firebase*   April 2022

- Developed a full-stack SPA social media platform with Vite and React with real-time chatting between two users.
- Utilized Google Firebase to allow users three different ways to authenticate and login.
- Created with a mobile-first design using MaterialUI and TailwindCSS for cross-platform usage.

The Do List | *Webpack, LocalStorage, TailwindCSS, JavaScript, GitHub Pages*   December 2022

- Developed 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 and to categorized within the three 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 that utilized a 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 11 other members to educate students on early-career opportunities and skills.
- Maintained an informational website using WordPress to increase our monthly event attendance numbers.