

TRACY NGUYEN

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PROFESSIONAL SUMMARY

Aspiring junior project manager with a background in business psychology and hands-on technical experience in software development. Proven ability to support cross-functional teams, improve processes, and document workflows. Passionate about creating impact through organized project execution and user-focused solutions.

PROJECTS

Rotten Tomato Predictor (Python)

- Coordinated with team members to clean and analyze 7 diverse datasets to identify underlying attributes that may be used to predict Marvel or DC movies' rotten tomato scores.
- Leveraged Python libraries in Jupyter Notebook such as, pandas, numpy, and matplotlib, to create data visualizations including heat maps, line plots, residual plots, and Q-Q plots.

EXPERIENCE

Software Development Engineer in Test Intern

Jan '25 — May '25
Irvine, CA

Paciolan

- Developed an internal full-stack application with Next.js and TypeScript that enabled cross-team developers to easily run load tests on AWS EC2 and on-prem Kubernetes using Gatling and Grafana K6 microservices.
- Led POCs into scalable enterprise solutions and integrated them into Paciolan's internal toolings **saving 1,200 minutes** of load testing **per month**.
- Automated browser version validation in GitLab CI using a bash script that creates a new GitLab issue and sends slack alerts when Selenium and the current pipeline's browser image versions mismatch.
- Gained practical exposure to agile software development cycles and continuous integration.
- Documented workflows, led inception, presented in lightning talks, and conducted knowledge transfers.

Optometrist Assistant

Oct '21 — Jan '25
San Diego, CA

Dr. Chau Trang O.D.

- Facilitated smooth communication with 5+ insurance companies, conduct contact lenses training, conduct pre-examinations, and effectively schedule/manage patient check ins/check outs.
- Developed the **first comprehensive documentation** outlining office billing and accounting protocols.
- Directed and managed technical operations to streamline office processes.
- Meticulously documented all aspects of patient care and administrative procedures.

Seasonal Full-Stack Web Developer

Oct '21 — Jan '22
San Diego, CA

UCSD CKI Technology Team

- Utilized Github, Docker, and ReactJS to refine the website's navbar, footer, and gallery components.
- Collaborated in weekly cross-functional team meetings with Developers and UI/UX Designers to align on potential design improvements and technical changes.

SKILLS

Project Management Skills: Lean Agile, Jira, Git, Confluence, MS Office
Technical Skills: Next.js, React.js, Tailwind, Typescript, Git CI/CD, Python, Java
Soft Skills: Team Collaboration, Time Management, Communication, Problem Solving

EDUCATION

University of California, San Diego, Revelle College

Sept '19 — June '23
San Diego, CA

Bachelor of Science in Business Psychology, Minor in Computer Science

- Coursework: Business Project Management, Product Marketing & Management, Advanced Data Structures and Algorithms, Data Science in Practice, Data Structure and OO Design, Computer Systems
- Honors: Chancellor's Associate Scholar (2019)

Study Abroad, Yonsei University

Mar '23 — June '23
Seoul, South Korea

- Coursework: Korean language and history