

# TRACY NGUYEN

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## PROJECTS

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### Website Portfolio (JavaScript)

- Web application utilizing HTML, CSS, and Vanilla JavaScript to showcase projects and personal information.
- Ensured responsiveness with mobile-first design.
- Integrated AOS and SweetAlert libraries to enhance user experience and interaction.

### Pokemon Memory Game (React)

- Developed a game that tests users' memory and observations skills through custom built Pokemon decks with PokeAPI and React.

### Rotten Tomato Predictor (Python)

- Collaborated in a team 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

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### Optometrist Assistant

*Dr. Chau Trang O.D.*

Oct '21 — Present

San Diego, CA

- Facilitate smooth communication between the office and multiple insurance companies, conduct contact lenses training, conduct pre-examinations, and effectively manage patient check ins/check outs
- Develop comprehensive documentation outlining office billing and accounting protocols
- Direct and manage technical operations to streamline office processes
- Meticulously document all aspects of patient care and administrative procedures
- Organize inventory, fulfill prescription orders, and screen phone calls

### Seasonal Full-Stack Web Developer

*UCSD CKI Technology Team*

Oct '21 — Jan '22

San Diego, CA

- Utilized Github, Docker, HTML, CSS, Javascript, React, and Firebase to implement visual enhancements directed by UI/UX Designers, primarily focusing on refining the navbar, footer, and gallery components
- Actively participated in weekly collaborative meetings with fellow Developers and UI/UX Designers on potential design improvements and technical changes

### Data Analyst Intern

*Youth Will*

Aug '20 — Jan '21

San Diego, CA

- Compiled a quantitative report of over 400,000 data points across 7 different media platforms to encapsulate the outreach program's outcome and predict voter trends
- Orchestrated 7 events to enhance outreach and engagement with measure A on housing affordability

## SKILLS

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Python, Java, C/C++, HTML + CSS, Bootstrap, Javascript, ReactJS, CI/CD

## EDUCATION

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### University of California, San Diego, Revelle College

*Bachelor of Science in Business Psychology, Minor in Computer Science*

Sept '19 — June '23

San Diego, CA

- Coursework: Advanced Data Structures and Algorithms, Data Science in Practice, Data Structure and OO Design, Discrete Mathematics, Computer Systems
- Honors: Chancellor's Associate Scholar (2019)

### Study Abroad, Yonsei University

- Coursework: Korean language and history

Mar '23 — June '23

Seoul, South Korea