

# Tran Nguyen

Software Engineer

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With a strong analytical background in biotech, I'm venturing into software engineering to combine my data-driven mindset with a passion for stylish and user-friendly design. I aim to craft software solutions that not only optimize data analysis but also elevate the user experience. I aim to seamlessly merge the worlds of science and technology, utilizing my analytical skills to create elegantly designed, user-centric software applications that drive progress in technology and beyond.

## SKILLS

**Languages** - JavaScript, Typescript, CSS3, Sass/SCSS, HTML5, Python, SQL, Mongoose, JSON, EJS, DTL

**Database** - PostgreSQL, MongoDB

**Libraries and Frameworks** - React (class-based and hooks), Express.js, Django

**Other** - RESTful Routing, JSON API, Framer Motion

## SOFTWARE DEVELOPMENT PROJECTS

**Project** | [GitHub](#) | **Production** - Python, Django, SCSS

**Personal Portfolio** | [GitHub](#) | [Production](#) - TypeScript, React, SCSS, Framer Motion

**Wandr** | [GitHub](#) [Front End](#) [Back End](#) | [Production](#) - MongoDB, Express, React, NodeJS, JavaScript, CSS

**PlanPal** | [GitHub](#) | [Production](#) - MongoDB, Express, NodeJS, JavaScript, CSS

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**TetraZoo** | [GitHub](#) | [Production](#) - JavaScript, HTML5, CSS

- Conceptualize and design "TetraZoo," a unique Tetris game with a captivating animal theme.
- Design an intuitive and user-friendly interface, including menus, score displays, and level selection screens.

## PROFESSIONAL EXPERIENCE

**Clinical Laboratory Scientist I**, Natera | San Carlos, CA, USA

**May 2022 - July 2023**

- Utilized a wide array of instrumentations and novel assays for carrier screening.
- Reviewed clinical test results for accuracy and translated them into Laboratory Information Systems.
- Analyzed and reviewed raw data files in proper software and resolved routine and complex issues within the scope of responsibilities.
- Exemplified strong leadership capabilities by leading in making critical decisions, and overseeing lab assistants and junior team members.

**Clinical Laboratory Scientist I**, Monogram Biosciences | South San Francisco, CA, USA

**May 2021 - May 2022**

- Utilized a wide array of instrumentations and novel assays for HIV and HCV testings.
- Ensured compliance with all regulatory agency requirements through documentation, audits, and corrective action.
- Demonstrated strong teamwork and collaboration skills by actively contributing to group projects and fostering a cohesive team environment.

## EDUCATION

**GENERAL ASSEMBLY | REMOTE**

*Software Engineering Immersive*

**August 2023 - November 2023**

Full-stack software engineering immersive student in an intensive, 24-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

**STATE UNIVERSITY OF NEW YORK AT PLATTSBURGH | PLATTSBURGH, NY**

*Bachelor of Science in Clinical Laboratory Science, Chemistry minor*

**August 2016 - August 2020**

GPA 3.84

Dean's List Honoree from Fall 2016 to Spring 2019