

TRI NGUYEN

Full Stack Developer

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🌐 [Tri Nguyen | LinkedIn](#)

🌐 [tringuy1993 \(Arbol\)](#)

EDUCATION

M.S. in Medical Physics

Purdue University

📅 May 2018

📍 West Lafayette, IN

B.S. in Physics

Indiana University

📅 May 2015

📍 Bloomington, IN

TECHNICAL SKILLS

Languages

- Python, Javascript, HTML, CSS

Frameworks

- React, Django

Front-end

- Axios, Fetch API, JWT Authentication, ReactECharts, ChartJS, Plotly, Bootstrap, Nginx

Back-end

- PostgreSQL, Django Rest Framework, Django SimpleJWT, Celery, Celery Beats, Redis, Unicorn

Tools

- Heroku, Firebase, Git, Visual Studio Code, Postman, PyCharm

CURRENT PROFESSIONAL EXPERIENCE

Ongoing Project (Alpha-Seekers)

Self-taught

📅 January 2021 - current

📍 San Francisco, CA

- Designed and implemented web application, www.alpha-seekers.com, using React
- Implemented front-end user authentication with Firebase Authentication
- Created front-end user experience that fetched, parsed, formatted analytic data, and relayed it into React components to display graphical representation of data
- Maintain and developed Django backend serves as request endpoint for users
- Developed celery tasks to fetch, polish, and compute data from brokerage API for front-end requests - \$0 cost from brokerage API endpoint.
- Maintain and configured a home server to host web application via nginx and unicorn - reduced the cost of using host server down to \$0.

Full-stack and Front-end Professional Development

Learning...

📅 11/01/2022 - current

📍 San Francisco, CA

- Completed 50 hours plus courses from [Frontend Masters](#) including D3.js, CSS, Javascript, React
- Completed 45 hours plus courses from [Data Camp](#) including python and PostgreSQL

Open Source Documentation Contributions

Self-motivation

📅 6/4/2022 - current

- Contributed to a python-react library component at [Dash Mantine Component](#)

Radiation Safety Specialist

University California of San Francisco

📅 Apr 2020 - current

📍 San Francisco, CA

- Review research protocols, maintain hospital permits and perform audit in radiation safety for regulatory

Health Physicist

Columbia University Irving Medical Center

📅 Jun 2017 - Mar 2020

📍 New York, NY

- Review research protocols, maintain hospital permits and perform audit in radiation safety for regulatory
- Renew radiation producing equipment permits