Paul Nguyen

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EDUCATION

Oregon State University — Corvallis, Oregon
Bachelors of Science in Computer Science, 4.0 GPA — *May 2025*

Texas A&M University — College Station, Texas
Bachelors of Science in Kinesiology, 3.5 GPA — *December 2019*

TECHNICAL SKILLS

Languages: Python, JavaScript [TypeScript], HTML/CSS
Technologies/Frameworks: Flask, React, Node, Express, MongoDB, PostgreSQL, MySQL, PySpark, Docker, Airflow, Looker, Google Cloud Platform

EXPERIENCE

Software Engineer Intern — May 2023 - Present
Summersalt — *Remote*

- Refactored jQuery and React legacy code, reducing tech debt and optimizing render performance by 25%
- Spearheaded a monogramming feature for collections items and a spotlight module within the homepage using TypeScript and NextJS, contributing to an increase of $35,000+ in monthly revenue
- Improved CI/CD workflow utilizing Github Actions with Cypress to create an automated report with test cases that displays the status of all results on the build pipeline, minimizing code regression on production by 50%
- Assisted in optimizing queries using Google BigQuery and dbt, resulting in improved data processing by 10%

PROJECTS

Get Schooled! OSU Fall Hackathon | *Python, Flask, JavaScript, HTML/CSS* — Github   Live

- Led the development of the client-side core UI logic and integrated additional UX animations using JavaScript
- Facilitated periodic agile meetings and ensured high-quality code reviews by overseeing all pull requests
- Deployed Flask with Python to establish the backend server for storing and retrieving data from our RESTful API endpoint, seamlessly serving the client-side frontend

MealHub | *JavaScript, React, HTML/CSS, Supabase, The MealDB API* — Github   Live

- Architected a CRUD food blog that enables users to share and discover new recipes utilizing React with JavaScript
- Centralized Supabase as the backend for data storage and synchronization, ensuring reliable and secure data management across the application
- Engineered a search functionality that retrieves user-generated meal data from the internal database and leveraged The MealDB API to provide personalized meal recommendations

NeetSeat | *JavaScript, React, Recharts, SeatGeek API* — Github   Live

- Designed a responsive web page for real-time tracking of live events using React, utilizing CSS for styling
- Leveraged SeatGeek API to parse filtered RESTful data of recent events and touring artist, providing users with highly relevant and up-to-date information
- Enhanced user experience by implementing Recharts library for data visualization of current ticket pricing and quantity for recommended events

reCAPTCHA Authentication | *TypeScript, NextJS, Iron-session, OAuth, Docker* — Github   Live

- Developed a security tool that differentiates between authentic and unauthorized users using TypeScript
- Utilized Next.js and iron-session utility to store session data into encrypted cookies for CAPTCHA and implemented OAuth as an extra layer of security for authentication
- Initialized Docker to containerize packaged dependencies within the application, reducing local environment conflicts and increasing development speed

ORGANIZATIONS

OSU Hackathon Club: Member — September 2023 - Present
CodePath: Member — January 2023 - Present