Paul Nguyen

Houston, TX | 281-673-0521 | paul.nguyen.swe@gmail.com | linkedin.com/in/paul-nguyen– | github.com/paul-nguyen-1

EDUCATION

Oregon State University   Corvallis, Oregon
Bachelors of Science in Computer Science, 4.0 GPA   December 2025

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

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, HTML/CSS
Technologies/Frameworks: Flask, React, Node, Express, MongoDB, PostgreSQL, MySQL, AWS, Docker, NestJS, GraphQL, Redux, Jest

EXPERIENCE

Lucid Motors   May 2024 - Present
Software Engineer Intern   *Newark, CA*
- Developed scalable components for on-boarding workflows and supply chain tooling within the in-house portal, streamlining deprecated code and improving maintainability using React and TypeScript
- Integrated API calls using NestJS, MongoDB, and AWS S3 Buckets to seamlessly update supplier data for the internal contract management system (Agiloft)
- Improved unit test coverage using Jest for critical client facing features, reducing code-regression on the back-end
- Designed a data-driven automated tool for on-boarding new suppliers, significantly decreasing the manual process from an estimated average of 35 minutes to <3 minutes using Playwright

Summersalt   May 2023 - May 2024
Software Engineer Intern   *Remote*
- Refactored jQuery and React legacy code, reducing tech debt and optimizing render performance by 25%
- Implemented multiple features for products, collections items, and promotions within the application using TypeScript and Remix, contributing to an increase of $35,000+ in monthly revenue
- Improved CI/CD workflow utilizing Github Actions with Cypress, creating automated report with test cases that displays the status of all results on the build pipeline, minimizing code regression on production
- Assisted with developing GraphQL queries, resulting in accurate and improved data retrieval efficiency

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, 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 data storage and synchronization using Supabase as the backend, ensuring robust and secure data management throughout the application
- Leveraged the MealDB API to deliver meal recommendations and engineered an advanced search functionality to access user-generated meal data from the internal database

ORGANIZATIONS

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