Anh Lam Truong

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Education

California State University, East Bay| Hayward, CA | 08/2019 - 12/2022

Bachelor of Science, Computer Science | GPA**:** 3.6/4.0

Skills

- **Programming Languages:** JavaScript, TypeScript, Python, C++, C, Java, Dart
- **Front End:** React, Next.js, Flutter, HTML, CSS, SASS, GraphQL, React Query, Redux, MUI, Tailwind CSS, Prisma, ShadcnUI
- **Backend:** Node.js, Express, Firebase, MongoDB, Google Cloud Platform, AWS, Neon DB, PlanetScale DB
- **Other:** Postgresql, SQL, NoSQL, Ubuntu, Linux, Git, Github, Oracle VM, Server Socket, Salesforce, Stripe, Figma, Adobe

Certification

- AWS Certified Solutions Architect - Associate *(KP71RW6C4M1Q1EWK)*
- Google UX Design *(CJKM3JF96EZB) by Google on Coursera. Certificate earned at 04/05/2024*
- Google Cloud Certification: Cloud Developer *(PMUATOWH1TZP) by Google on Coursera.*
- Google Cloud Digital Leader Training Specialization *(YXEJRM2ELTNG) by Google on Coursera.*

Experience

Data Analyst, Student Information Administrator | Bay Atlantic University | Washington, DC | 10/2023 - Present
- Migrated **2000 student records from Salesforce to a proprietary database**, ensuring **100% data accuracy and integrity**. Utilized Python and SQL for efficient data transformation and loading.
- Maintained accurate records for **400** students, including course registration, grades, and degree progress. Ensured strict adherence to institutional policies and data privacy regulations. Generated actionable insights for institutional decision-making using **Python, R, Excel, and SQL**
- Executed comprehensive testing and validation of a new Student Information System (SIS) platform, identifying and documenting **more than 25 issues prior** to launch.
- Transformed student form processes by spearheading the transition from paper-based forms to a fully digital, cloud-based DocuSign system**, reducing processing time by 70%**. This initiative eliminated manual processes, ensured seamless compliance, and streamlined the student experience.

Full Stack Developer | OpenKnect | Baltimore, MD | 02/2023 - 09/2023
- Orchestrated a strategic overhaul of the application and routing architecture, **implementing MVC principles and leveraging Flutter, Riverpod, and Firebase**. This resulted in a **70% increase in user engagement metrics** and a **60% reduction in backend error rates.**
- Constructed a business logic automation system using **Google Firebase Cloud Functions and Google APIs**. Upgraded **10 critical processes to automatic format**, improving backend efficiency and response times by **80%**.
- Engineered a **Python-based automated SASS compilation pipeline**, leading to a **80%** improvement in the admin dashboard's UI/UX. Implemented real-time data synchronization from **Google Sheets**, enhancing the dashboard's responsiveness and providing up-to-date information to administrators.
- Integrated **Meta and LinkedIn APIs** to automate job postings, reducing the time required to post **200+ positions** from **several hours to under five minutes**. This increased the reach of job postings and improved the efficiency of the recruitment process.
- Spearheaded **4 high-impact projects** as a team lead**,** fostering collaboration among 7 team members**.** Successfully aligned project goals with OpenKnect's overall vision. openknect.web.app

Data Structures, Algorithms, C++ and Calculus Tutor | CSU, East Bay | Hayward, CA | 08/2020- 06/2023
- Delivered engaging lesson plans on **data structures and algorithms in C++ to more than 300 students**. Achieved an **80% student success rate**, with an **average course GPA of 3.2/4.0**. Covered core concepts such as **linked lists, array, graphs and hash maps.**
- Educated more than **200 students in pre-calculus and logic math**, leading to **85% showcasing** an outstanding average **GPA of 3.6/4.0**. Mentored more than **100 students on academic and career goals**, promoting student success.

Projects

Cookit E-commerce Platform:
- Developed an innovative e-commerce platform for culinary enthusiasts, facilitating the sale of recipes, food products, and culinary items. Successfully launched with a secure authentication system, generating **approximately $1000** in **initial revenue**.
- Built a **scalable** and **secure platform** from scratch using **Next.js, Tailwind CSS, Prisma, Next Auth, Neon DB, PlanetScale DB, Stripe, React Query, and Zustand**. The platform achieved **40% user growth within the first 2 months**, demonstrating its potential for significant market expansion. View Project

Social Media Web Application:
- Pioneered an intricate full-stack web application using **NextJS** and **React-Redux-Saga**, resulting in a **50%** increase in user interactivity.
- Seamlessly integrated user authentication, post-editing, and role dynamics using **Firebase-Storage, Cloud-Function, and DB**, increasing user retention by **30%**.
- Leveraged **SSR, SSG, CSR, and ISR** within **NextJS**, optimizing page load times by **40%**. View Project