

Kent Lim

+1 (949) 558-4155 | tklim824@gmail.com | kentlim.me | github.com/kentlim1

EDUCATION

University of California, Santa Barbara

Bachelor of Science in Computer Science

- GPA: 3.72/4.0 | Dean's Honors (2024–2025)
- Relevant Coursework: Object Oriented Programming, Data Structures and Algorithms, Linear Algebra

Santa Barbara, CA

Sep 2024 – June 2028

Newport Harbor High School

Newport Beach, CA

Aug 2020 – June 2024

EXPERIENCE

AI Data Trainer

DataAnnotation

May 2025 – Aug 2025

Remote

- Labeled and validated 100+ datasets to train machine learning models and natural language processing systems.
- Evaluated and validated machine learning outputs using C++, Python, and JavaScript to ensure accuracy, consistency, and improved model performance.
- Developed practical knowledge in data cleaning, supervised learning, and prompt engineering through hands-on machine learning projects.

Lead Systems Engineer

VEX Robotics Team

Sep 2023 – May 2024

Newport Beach, CA

- Engineered on a VEX V5 robot throughout the year, engaging in bi-weekly team meetings and participating in practice scrimmages against other teams.
- Competed in the 2024 NMUSD VEX Robotics Over Under Competition, achieving 2nd place out of 14 teams.
- Designed and programmed the robot's scoring system using Python, scoring 100+ points for our team and played a pivotal role in achieving 2nd place.

Frontend Web Developer

NHHS Culinary Department

Oct 2023 – May 2024

Newport Beach, CA

- Maintained the website frontend using React.js, implementing two new pages and connecting them to the navigation bar.
- Integrated and embedded Google Docs into the website and improved user navigation for better accessibility.
- Collaborated with the head of culinary to align site design and content with department goals.

PROJECTS

GridMetrics | *TypeScript, React.js, Supabase, PostgreSQL, Tailwind CSS*

- Developed a dynamic Formula 1 statistics dashboard integrating live API data and interactive visualizations.
- Designed and implemented interactive line charts to display driver performance metrics, including race finishes and championship points progression, using Recharts and the Jolpica Formula 1 API.
- Integrated Supabase Auth with Google OAuth and PostgreSQL, designing a profiles layer with unique usernames and secure access controls.

Personal Website | *JavaScript, React.js, HTML, CSS, Git*

- Built and deployed a personal portfolio site using React.js and Vercel to showcase projects and experience.
- Strengthened skills in React.js development, codebase management, and GitHub deployment through iterative project work.

Alzheimer's Disease Predictor Model | *Python, Pandas, Matplotlib, Scikit-learn*

- Developed a model to predict Alzheimer's disease based on lifestyle decisions for the 2025 UCSB DataOrbit.
- Collaborated with a team of 4 to preprocess data, perform exploratory data analysis, and train predictive models.
- Implemented and fine-tuned a Random Forest classifier, achieving 85% accuracy on Alzheimer's disease prediction using a Kaggle dataset.

TECHNICAL SKILLS

Languages: C++, Java, Python, JavaScript, TypeScript, SQL (Postgres), HTML/CSS

Developer Tools: Git, Bash, Visual Studio Code, Vercel, Supabase, Robot Mesh Studio

Frameworks: React.js, Node.js, Tailwind, Recharts

Libraries: Pandas, Matplotlib, Scikit-learn