

Kenneth Wan

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EDUCATION

University of California, Los Angeles (UCLA)

Expected Graduation: December 2025

Bachelor of Science in Computer Science

GPA: 3.7/4.0 (Dean's Honor List)

- Relevant Coursework: Data Structures and Algorithms, Distributed Systems, Computer Architecture and File Systems, Data Management, Operating Systems, Software Construction, Computer Networks and Security, Machine Learning
- Activities: ACM External Affairs Director, Creative Labs Project Lead, LA Blueprint Full Stack Developer
- CodePath Fellow, 1st place at LAHacks, 1st place at TreeHacks using Fetch.ai

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Go, SQL, C/C++, Swift, Objective-C, HTML/CSS, Bash, Rust

Tools/Frameworks: React.js, Node.js, Git, AWS, Vue.js, Django, Docker, GraphQL, PostgreSQL, MongoDB, Pandas

WORK EXPERIENCE

Bluebeam

Jun. 2024 – Present

Software Engineer Intern

Pasadena, CA

- Refine multiple Rust APIs to boost performance and efficiency of cloud storage management and concurrent document processing.
- Integrate React components made for the online web editor with custom built Go APIs to connect to SQL database.

IDONTMIND

Sep. 2023 – May 2024

Software Engineer Intern

Los Angeles, CA

- Led implementation and integration of MongoDB database with 7+ screens made using React.js and Node.js.
- Utilized Pandas, NumPy, and Recharts to perform data filtering and visualization on 5+ user datasets.
- Programmed multiple Python scripts that scraped journal prompts from Excel spreadsheets into MongoDB database.

eHealth, Inc.

Jun. 2023 – Aug. 2023

Software Engineer Intern

Santa Clara, CA

- Created internal full stack web tool utilizing React.js, Node.js, and PostgreSQL to streamline communication with 100+ insurance companies, increasing insurance information delivery times by 23%.
- Leveraged TypeScript and Gatsby to develop 9 React.js components merged with Wordpress block editing controls.
- Developed and implemented GraphQL APIs to retrieve and display updated insurance options.

Skid Row Arts Alliance

Dec. 2022 – Jun. 2023

Full Stack Software Engineer (Contract)

Los Angeles, CA

- Managed various Scrum sprints to create a full-stack mobile application using React Native, Node.js, and Redux.
- Engineered 10+ RESTful APIs to enable CRUD operations on users, artwork, and PDFs within MongoDB database.
- Displayed art on gallery page by using API endpoints to retrieve image and video data from MongoDB and AWS S3.

TECHNICAL PROJECTS

Cohabit | Swift, Vapor, PostgreSQL, Docker, Objective-C

May 2023 – Present

- Lead team of 8 developers and designers in the complete lifecycle development of a full-stack iOS app through app design, database design, and weekly stand-up meetings.
- Spearhead development of HTTP server and 30+ Vapor APIs to enable CRUD operations across the 20+ app screens made with SwiftUI and UIKit.
- Design and implement exhaustive PostgreSQL database schema to store data in over 25 unique tables.

PlanIt | React.js, Node.js, MySQL, Redux, APIs

Sep. 2022 – Dec. 2022

- Managed team of 12 developers and designers to design and build an itinerary making web app.
- Facilitated development of 10+ RESTful APIs connected to MySQL database using Go.
- Leveraged React.js, Yelp API, and Google Maps API to build an event recommendation system with a scheduler.