Tom Oh

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EDUCATION

University of California, Los Angeles (UCLA)　　　　　　　　　　　　　　**Los Angeles, CA**
Bachelor's in Computer Science and Linguistics　　　　　　　　　　　Expected Graduation: June 2026
- **Relevant Coursework**: Software Construction, Computer Architecture, Data Structures and Algorithms (C++), Computer Science (C++/Python), Discrete Math, Probability, Statistical Analysis with R, Linguistic Analysis, Phonetics, Syntax

TECHNICAL EXPERIENCE

Tesla　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Palo Alto, CA**
Technical Product Management Intern　　　　　　　　　　　　　June 2024 – September 2024
- Coordinated development of internal tool for firmware localization team that organized **30,000 LLM translated** strings each for **32** different languages saving approximately **$300k** in annual translation costs using **React.js** and **Ruby on Rails**
- Managed and engineered UI to support Arabic along with international keyboard functionality using **C++** and **Qt**
- Consulted with software engineers, linguists, translations vendors, and product managers to ensure user-friendliness

LA Blueprint at UCLA　　　　　　　　　　　　　　　　　　　　**Los Angeles, CA**
Product Manager and Executive Board Member　　　　　　　　　　　May 2024 – Present
- Scouted and established partnership with 501(c)(3) nonprofit, Teapot Gardens, that builds zen gardens across Los Angeles while hosting art and cultural events at local green spaces
- Leading team of 8 engineers and 4 designers to create **React Native** app that gamifies engagement by providing users with personal, Tamagotchi-like garden that evolves through increased attendance of events and provides real-life perks
- Facilitated weekly work sessions and biweekly meetings with nonprofit founder to discuss progress, features, and operations

Evyree - Student Savings App Startup　　　　　　　　　　　　　　**Los Angeles, CA**
Founding Software Engineer　　　　　　　　　　　　　　　　August 2023 – November 2023
- Full-stack **React Native** and **PHP** developer at student savings startup that provided students discounts for local businesses
- Introduced map feature using **Google Maps API** to dynamically display **30+ partner** locations and deals to **500+ users**
- Arranged meetings with local businesses, filmed promotional content, and conducted market research tailored for each client

Independent E-Commerce Business　　　　　　　　　　　　　　　**Los Angeles, CA**
Founder　　　　　　　　　　　　　　　　　　　　　　　September 2020 – May 2022
- Managed online and local sales of limited edition sneakers and clothes through social media marketing and outreach methods
- Founded e-commerce business providing early access to limited sneakers by establishing connections to local retailers
- Achieved **$50,000** in revenue and **$22,000** in profit by investing funds into a diverse portfolio of stocks and cryptocurrency

UCLA Radio　　　　　　　　　　　　　　　　　　　　　　　　**Los Angeles, CA**
Software Engineer and Radio Host　　　　　　　　　　　　　　　January 2023 – Present
- Started a radio show, *New Kid in Town*, interviewing rising music artists at UCLA and showcasing their songs to listeners
- Increased monthly website traffic by **81%**, from 1.1k visits per month to **2k** through website redesign and online promotion
- Collaborated with 6 developers to create Discord notification bot in **Python** that notified members when radio shows started

PROJECTS

Alumni Avenue
- Developed career-oriented social networking web application using **MongoDB, Express.js, React.js, and Node.js**
- Connected users to alumni of campus clubs they were involved in and allowed searching by field of work, occupation, company, and graduation date to help students efficiently foster connections and receive referrals
- Implemented backend controllers that enabled user authentication, users being able to create, join, and leave networking groups, and send emails through the app by leveraging **nodemailer.js**

Blear AI - LA Hacks 2024
- Spearheaded creation of full-stack mental health platform using **React.js** and **Node.js**
- Integrated **LLMs**, **Google Gemini API**, and **natural language processing** to analyze and encrypt journal entries for key insights such as mood, coping mechanisms, emotional intensity, and general themes while maintaining user confidentiality
- Implemented **Chart.js** to dynamically visualize patient data, enhancing psychiatrist's ability to monitor patient progress

ADDITIONAL

- *Skills:* JavaScript, Python, R, C++, C, HTML, CSS, Java, Bash, Swift, Ruby on RailsReact.js, React Native, Next.js, Node.js, Express.js, MongoDB, Firebase, Docker, SQL, Git, Linux, Figma, Adobe Premiere Pro, Adobe Illustrator, JIRA, Confluence
- *Interests*: Tennis, Finance, Music, Jazz Guitar, Basketball, Sneakers, Graphic Design, Fashion, Hiking, Rock Climbing, Machine Learning, Social Justice, Mechanical Keyboards, Shaquille O'Neal