

DANIEL TEO

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EDUCATION

University of California, Los Angeles (UCLA)

Bachelor of Science in Computer Science

March 2025

Los Angeles, CA

- **Relevant Coursework:** Software Construction, Deep Learning for Computer Vision, Machine Learning, Operating Systems, Programming Languages, Networking, Computer Architecture, Computer Security
- **Certifications:** CodePath Android University

EXPERIENCE

Amazon

Software Development Engineer Intern

June 2024 – Sept. 2024

Seattle, WA

- Collaborated closely with engineers across teams to **design and develop** an internal validation library **used by over 100 Amazon engineers**, reducing data validation inconsistencies and duplicate code
- Enhanced library validation capabilities by implementing 5+ new rules identified through **analysis of recurring data issues in on-call tickets**
- Integrated validation library with frontend and backend services by extending **support for Java and TypeScript** with **comprehensive unit tests in JUnit and Jest**

BruinRent.io (acquired by UCLA)

Lead Front-end Engineer

Oct. 2023 – Mar. 2024

Los Angeles, CA

- Drove **user growth to 3,000+** by revamping web UI to improve usability and assure mobile responsiveness using React and CSS
- Organized a **phased migration** to a modern UI design system by coordinating with teammates to update React component styles while ensuring **uninterrupted user experience**
- **Reduced Firebase hosting costs by 80%** while maintaining fast data retrieval by executing query and image caching using Redux Toolkit (RTK) Query

Amazon

Software Development Engineer Intern

June 2023 – Sept. 2023

Irvine, CA

- Boosted Alexa Games engagement by developing a **RESTful API web service using Java and AWS**, enabling third-party developers to use Alexa leader boards for competitive gameplay
- Streamlined setup of new web services for engineers by creating an AWS CloudFormation package for **cloud resource allocation with a single line of code**
- Led design and development of a naming module to generate unique, human-readable display names for up to **1.5 billion players**

PROJECTS

Twitter Client | Java (Android), Glide, Android Async HTTP

github.com/dteo318/TwitterClient

- Built a Twitter client for Android in Java with **OAuth login**, timeline viewing, **tweet composition**, **offline support**, media playback, and seamless navigation for a native, feature-rich user experience.

Banking Platform | Next.js, TypeScript, Tailwind CSS, Plaid, Sentry.io, Appwrite banking-three-nu.vercel.app

- Constructed a **responsive, full stack banking dashboard** using Next.js, Tailwind CSS, and Plaid to manage bank accounts and gain financial insights through **CRUD** operations

SKILLS

Languages: Python, Java, TypeScript, JavaScript, Node.js, HTML, CSS, SQL (PostgreSQL, MySQL), C/C++, Rust
Frameworks & Libraries: React.js, Django, Spring Boot, JUnit, Jest, Tailwind CSS, pandas, PyTorch, scikit-learn
Developer Tools: AWS (DynamoDB, API Gateway, Lambda), GCP (Firebase), Git, Docker, Cloud Infrastructure
Soft-skills: Problem-solving, Communication, Troubleshooting, Software Development Life-cycle