

# 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](https://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](https://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