

**Andrew Chau**  
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**Education:**

**University of California, Los Angeles**

June 2021

*BS Computer Science, 3.72 GPA*

**Skills:**

**Data:** Snowflake, Airflow, ETL pipelines, PostgreSQL, MongoDB, OracleDB

**Backend & APIs:** Node.js, Spring Boot, Kafka, GraphQL (Apollo Federation)

**Languages:** Java, TypeScript, JavaScript, SQL, Python, Go

**Frontend:** Vue, React

**Work Experience:**

**Gap Year:** Took a career break to invest in humanitarian work abroad June 2025 - June 2026

**VideoAmp, Intermediate Data Engineer**

February 2025 - May 2025

- Built Snowflake and Airflow ETL pipeline powering daily reporting dashboards in Retool to pinpoint data requiring manual reconciliation
- Developed Airflow DAGs to backfill months of historical data, enabling new product launch

**Fincons Group**

**AppleTV+ (client)**

*Software Engineer I*

November 2023 - February 2025

- Architected and deployed a Single Source of Truth metadata platform integrating 7 business systems, enabling real-time data synchronization across all AppleTV+ IT services. Leveraged Apollo Federation to create an extensible GraphQL API with minimal overhead
- Created a hierarchical ID service (Java/Spring, PostgreSQL) to standardize entity identifiers across 7 business systems, enabling reliable cross-system joins
- Designed Kafka-based event-driven pipelines handling 10k+ events/day, enabling scalable asynchronous metadata sync between concurrent services
- Developed and maintained 6 microservices (Node.js, TypeScript, OracleDB) and a Vue.js SPA

*Associate Software Engineer*

June 2022 - November 2023

- Led development of a multi-tenant notification system with role-based permissions and successfully delivered phase 1 to production
- Implemented secure file attachment feature with versioning and history
- Designed Cypress frontend testing framework and QA best practices for offshore team

**3Diligent, Backend Software Engineering Intern**

March 2020 - September 2020

- Created dynamic price estimation using historical purchase data
- Built automated, end-to-end API tests using Cucumber to streamline deployments

**Miscellaneous:**

I boulder v6-7, love baking, and often host events for 50+ college and high school students