

Dan Lee

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EXPERIENCE

Associate Software Engineer

July 2023 - Present

UnitedHealthcare / Optum Technology

Irvine, CA

- Implemented pipeline to extract, transform, and load OptumRx data into SQL Servers, automating 6 daily hours of manual processing
- Built React frontend to streamline prior authorization processes for healthcare providers under UnitedHealthcare's Gold Card program
- Built SRE dashboard used by 10+ business segments to remove latency on reports of organizational API metrics
- Migrate monolithic legacy Angular application to modern React framework
- Tech stack: Java Spring Boot, React, Python, Databricks, Azure Cloud, Spark

Software Engineer Intern

June 2022 - Sep. 2022

Thumbtack

San Francisco, CA

- Spearheaded internal tool project to counter marketplace fraud for product rollout at 300+ H-E-B store locations
- Implemented aggregation functionality in data pipeline, enabling marketing team to run campaign targeting thousands of users who abandoned their search
- Wrote PRD and RFC documentation to leverage cross-functional feedback
- Tech stack: Go, GraphQL, Next.js, Scala

Software Developer

Oct. 2021 - June 2023

LA Blueprint

UCLA

- Owned Search and various UI components used by 2.1 million followers of The Conscious Kid NPO
- Tested, coded, reviewed, and delivered software in Agile-like environment
- Mentored junior developers in technical skills and career development
- Tech stack: React, Airtable, Firebase

EDUCATION

University of California, Los Angeles (UCLA)

B.S. in Computer Science

- Data Structures & Algorithms, Operating Systems, Programming Languages, Computer Architecture, Machine Learning, Technology Management, Web Development, Software Engineering

EXTRACURRICULAR PROJECTS

[The Conscious Kid](#)

Oct. 2021 - June 2022

Library-style web app built in React.js, Airtable.

- Owned Search and BookPage components designed for educators, parents, and students, with potential user base of upwards of 2 million from The Conscious Kid's followers
- Incorporated Airtable API calls to serve frontend components
- Demoed to NPO quarterly to align expectations and update progress
- Worked closely with designers to iterate on UI/UX feedback

PERSONAL PROJECTS

weather-app

Sep. 2020

Weather web app built in React.js, OpenWeatherMaps API, Google Geocoder API.

- Maximized efficiency by **80%** by lifting state up, reducing the number of required API calls.

SKILLS

Python | Go | GraphQL | Javascript | React.js | C++ | HTML/CSS | Spark | Azure Cloud | Databricks | Spring Boot