

# Dan Lee

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## EXPERIENCE

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### Associate Software Engineer

July 2023 - Present

#### UnitedHealthcare / Optum Technology

Irvine, CA

- Streamlined 6 daily hours of manual processing via pipeline to extract, validate, transform, and load OptumRx data
- Enabled 90,000+ healthcare providers to access prior authorization statuses via MySQL-driven React component
- Removed latency on business KPI reports for 10+ business segments via MongoDB-driven React dashboard
- Tech stack: Java Spring Boot, React, Python, Databricks, Azure Cloud, Spark, SQL, NoSQL

### Software Engineer Intern

June 2022 - Sep. 2022

#### Thumbtack

San Francisco, CA

- Empowered product rollout at 300+ H-E-B store locations via internal tool to counter marketplace fraud
- Enabled marketing team to run campaign targeting thousands of users who abandoned their search via aggregation job in Spark pipeline
- Authored Product Requirement Document (PRD) and Request For Comments to incorporate feedback from engineering, design, and marketing teams
- Tech stack: Go, GraphQL, Next.js, Scala, React

### 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

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### 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

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### [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

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### 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

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