

# Dan Lee

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## EXPERIENCE

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### Associate Software Engineer

July 2023 - Present

#### Optum Technology

Irvine, CA

Tech stack: **Python, React, Azure Cloud, Spark, SQL, NoSQL**

- Automated ETL pipeline, reducing processing time by 66% and increasing data availability and accuracy for OptumRx data from 1,000+ UnitedHealthcare clients
- Rotation 1 (July 2023 - Mar. 2024):  
Enabled 50,000+ healthcare providers to access prior authorization statuses via MySQL-driven React component
- Rotation 2 (Mar. 2024 - Aug. 2024):  
Eliminated latency in KPI reports for 10+ lines of business by developing MongoDB-driven React dashboard

### Software Engineer Intern

June 2022 - Sep. 2022

#### Thumbtack

San Francisco, CA

Tech stack: **GoLang, GraphQL, Next.js, Scala, React, Airflow**

- Countered marketplace fraud at 300+ H-E-B store locations by developing React internal tool and Go + GraphQL API to allow operations teams to disable in-store codes
- Built Scala aggregation job in Spark pipeline to enhance marketing campaign targeting users who abandoned their search
- Authored Product Requirement Document (PRD) and Request For Comments (RFC) to incorporate feedback from engineering, design, and marketing teams

### Software Developer

Oct. 2021 - June 2023

#### LA Blueprint

UCLA

Tech stack: **React, Airtable**

- 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

## 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

## PROJECTS

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### [The Conscious Kid](#)

Oct. 2021 - June 2022

#### Tech for Social Good

Tech stack: **React, Airtable, Figma**

- 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

## SKILLS

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Python | Go | GraphQL | Javascript | React.js | C++ | HTML/CSS | Spark | Azure Cloud | SQL | Spring Boot | Java  
Scalability | Concurrency | API Design | Web Frontend | Data Structures | Algorithms | Object-Oriented Programming