

# Jorden Jolley

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## EDUCATION

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### Columbia University

*MS Computer Science*

- CS @ CU Bridge Program completed in 2022

New York, NY

*Aug. 2021 – Dec. 2023*

### University of Texas

*BBA Management Information Systems*

Austin, TX

*Aug. 2014 – May 2018*

## EXPERIENCE

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### Software Engineering Intern

*CLEAR*

- Developed custom devtools React application for WebKiosk Devtools team. Included mocking biometric (iris and fingerprint scanner) capabilities and testing with Cypress and Jest. Prototyped a custom Chrome extension and an integration with Chrome devtools and successfully deployed within 6 weeks.
- Upgraded large-scale Webkiosk application to React 18 and implemented new CLEAR design system.

New York, NY

*June 2023 – Aug. 2023*

### Summer Immersion Program Teacher

*Girls Who Code*

- Taught over 40 lectures in introductory programming concepts (HTML, CSS, JS, Python) to over 100 students.
- Led and mentored a teaching team of five teaching assistants.

New York, NY

*June 2022 – Aug. 2022*

### Application Technology Analyst

*ExxonMobil*

- Created SQL scripting solutions for supporting and improving two upstream applications: Wellview and Siteview. Worked with power users and business customers to program custom SSRS analytics dashboards.
- Designed and executed SQL script updates of 24 million cost records during optimization rollout. Implemented strategies for pushing large-scale updates through data warehouse such as using a tracking table and direct calculated table updates. Improved outage time by shortening application outage time from weeks to two hours.

Houston, TX

*Aug. 2018 – Aug. 2021*

### Software Development Intern

*SXSW*

- Collaborated with an agile team of engineers to enhance the SXSW web applications including festival schedule, shopping cart, search functionality, and internal social platforms using Ruby on Rails for over 400k users.

Austin, TX

*Sep. 2017 – April 2018*

## PROJECTS

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### Restaurant Recommending Web App | *Python, Lex, SQS, DynamoDB, S3, CloudFormation, ElasticSearch*

- Built chatbot uses Yelp data to recommend restaurants to users based on input requirements.
- Engineered serverless AWS microservices backend. Used Lex to parse chat inputs, Lambda hooks, and ElasticSearch and DynamoDB to generate recommendations. Created custom RESTful API with API Gateway.

### DataDave | *Ruby on Rails, OpenAI API, SQLLite*

- Developed a business analyst web application to bring the power of data analytics to small businesses and B2C.
- Practiced TDD with Cucumber and RSpec unit testing.
- Lead team through three iterations, ideation process, and developed the process for taking in and dynamically generating tables from the user, managing prompt engineering with OpenAI, and returning highly consistent results to the user.

## TECHNICAL SKILLS

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**Languages:** Python, SQL, C, Ruby, HTML/CSS, Javascript, Typescript, Java

**Technologies:** Git, React, Ruby on Rails, VIM, AWS: Lex, Rekognition, S3, Transcribe, API Gateway