Jorden Jolley

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EDUCATION

Columbia University — New York, NY
CS@CU MS Bridge Program and Master's in Computer Science — GPA 3.82 — Aug. 2021 – Dec. 2023
- Relevant Courses: Data Structures, Algorithms, Operating Systems, Databases, UI, AI, Cloud Computing, ESAAS

University of Texas — Austin, TX
BBA Management Information Systems — GPA 3.92 — Aug. 2014 – May 2018
- Relevant Courses: Web App Development, Calculus I & II, Statistics and Modeling I & II

EXPERIENCE

Software Engineering Intern — New York, NY
CLEAR — June 2023 – Aug. 2023
- 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.
- As part of the project, upgraded large-scale Webkiosk application to React 18 and implemented new CLEAR design system and successfully deployed deployed within 6 weeks.

Summer Immersion Program Teacher — New York, NY
Girls Who Code — June 2022 – Aug. 2022
- Taught over 40 lectures in introductory programming concepts (HTML, CSS, Javascript, Python).
- Led and mentored a teaching team of five teaching assistants.

Business Technology Analyst — Houston, TX
ExxonMobil — Aug. 2018 – Aug. 2021
- Created SQL scripting solutions for supporting and improving two upstream applications: Wellview and Siteview. Worked with power users and business customers to program custom application analytics dashboards.

Software Development Intern — Austin, TX
SXSW — Sep. 2017 – April 2018
- 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.

PROJECTS

Cloud Computing and Big Data Projects | *Python, Lex, Lambda, ElasticSearch, DynamoDB* — Fall 2022
- Built chatbot uses Yelp data to recommend restaurants to users based on input requirements. Serverless AWS backend used Lex to parse chat inputs, Lambda hooks, and ElasticSearch and DynamoDB to generate recommendations.
- Created a photo album web application that can be searched using AWS's Transcribe NLP (through both text and voice). Lex disambiguates the query. Query your photos for people, objects, actions, landmarks and more.

DataDave | *Ruby on Rails, OpenAI API, SQLLite* — Fall 2023
- 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

Languages: Python, SQL, C, HTML/CSS, Javascript, Typescript, Java
Technologies: Git, React, Ruby on Rails, VIM, AWS: Lex, Rekognition, S3, Transcribe, API Gateway