Jorden Jolley

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EDUCATION

Columbia University New York, NY
CS@CU MS Bridge Program and MS CS Expected Dec 2023
- Relevant Courses: Discrete Mathematics, Data Structures in Java, Artificial Intelligence (Python), UI Design, Cloud Computing and Big Data (AWS), Advanced Programming (C), Databases.

The University of Texas at Austin Austin, TX
BBA Management Information Systems Aug 2014 - May 2018
- Relevant Courses: Web App Development (C#), Integral & Differential Calculus, Statistics and Modeling.

EXPERIENCE

Girls Who Code New York, NY
Teacher Jun 2022 - Aug 2022
- Led over 40 lectures in introductory programming concepts (HTML, CSS, Javascript, C++, Python) throughout three summer programs. Most recently, in 2022 led and mentored a teaching team of five teaching assistants.

ExxonMobil Houston, TX
Business Technology Analyst 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 reporting and analytics dashboards.
- Innovated new application integrations with SQL stored procedures (SPs), and troubleshot application errors. Managed and executed large-scale upgrades and optimizations efficient with cross-team collaboration and end user communication.

South by Southwest (SXSW) Austin, TX
Software Development Intern Aug 2017 - Apr 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; features utilized by up to 400,000 users.

PROJECTS

Wellview 10 Upgrade & Optimization
- Designed and conducted SQL script updates of 24 million cost records during an already massive Wellview 9 to Wellview 10 optimization rollout to align with business integrating with SAP.
- Implemented strategies for rolling out large-scale executions quickly such as extensive tracking tables and direct calculated table updates in order to minimize impact to over two thousand users.
- Updated backend scripts for 60 procedures for an updated data model by analyzing SP impacts, requesting feedback from power users, and extensive testing workshops. Converted frontend SSRS reports for each SP from legacy Crystal Reports.

Cloud Computing and Big Data Projects
- Built chatbot. Uses Yelp data to recommend restaurants to users based on input requirements. Serverless AWS backend used Lex to parse chat inputs, Python Lambda hooks, and ElasticSearch and DynamoDB to generate recommendations.
- Developed Photo Management web application. Upload and query photos for people, objects, landmarks, and more. Users can add custom labels to identify photos. Stack: AWS Lambda (Python), Rekognition, S3, Lex, Transcribe, and API Gateway.

SKILLS

Proficient: SQL and SSRS | Intermediate: Java (COMS 3134, COMS 1004), Python (COMS4111, COMS4701, COMS6998), Ruby, HTML, CSS, JS, C (COMS3157)