

Jorden Jolley

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EDUCATION

Columbia University

CS@CU MS Bridge Program and MS CS

New York, NY

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

BBA Management Information Systems

Austin, TX

Aug 2014 - May 2018

- Relevant Courses: Web App Development (C#), Integral & Differential Calculus, Statistics and Modeling.

EXPERIENCE

Girls Who Code

Teaching Assistant (2016, 2017) and Teacher (2022)

New York, NY

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 a teaching team of five teaching assistants.

ExxonMobil

Business Technology Analyst

Houston, TX

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.
- Developed new application integrations with SQL stored procedures (SPs), and troubleshoot application errors. Managed and executed large-scale upgrades and optimizations.

South by Southwest (SXSW)

Software Development Intern

Austin, TX

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.

Miscellaneous Application Projects

- Built 30+ audits using the Spotlight environment to bring business users insight of Wellview data quality.
- Formed model for temporarily hosting both UPST and XOM users during a company-wide domain move. With the DBAs, devised a system of four staging databases utilizing AD population software to resolve issue.
- Constructed IPES/Wellview integration for Argentina division. Collaborated with business users to create an outline for request and built entire SQL integration. Executed and managed deployment to ~100 wells.

SKILLS

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