Ariel **Wentworth**

DATA ANALYST

☎ (330) 691-0168 | ✉ 19arijoy@gmail.com | ⌨ ariel-j-w | 💼 ariel-wentworth | Ⓜ medium.com/@ariel_joy

Summary

Student at Taylor University expecting to graduate in May 2021. Seeking to apply data science knowledge with particular interest in data visualization and data journalism. Passionate about lifelong learning and the ethical use of data.

Education

Taylor University   *Upland, IN*

DATA SCIENCE, MINOR | MATHEMATICS, B.S. | COMPUTER SCIENCE, B.A.   *2017-Present*

- Anticipated graduation: May 2021
- Math Club Co-President, 2020-2021
- Math Club Junior Officer, 2019-2020
- Intercollegiate Cross Country & Track and Field Athlete

Work Experience

Compassion International   *Colorado Springs, CO (Remote)*

DATA ENGINEERING INTERN   *June 2020 - August 2020*

- Performed a variety of data engineering tasks in support of data science and data analytics related activities
- Daily in-depth use of Amazon Web Services tools
- Created a data lake, including consideration and configuration of roles and permissions
- Migrated data from document database DynamoDB into a PostgreSQL database hosted on RDS
- Designed data collection plan for user behavior analytics using Mixpanel
- Automated multiple data migration tasks using Lambda and/or EventBridge
- Worked with object detection model to perform basic quality checks on photos
- Worked extensively with Python, Jupyter, AWS, and SQL

Kratos | RT Logic   *Englewood, CO*

SOFTWARE ENGINEERING INTERN   *June 2019 - August 2019*

- Integrated with agile development team
- Performed both back-end and front-end development for a Linux-based system
- Drastically improved the display and visualization of historical analytics data
- Contributed to improvements of GUI load times
- Heavily utilized PostgreSQL, C++, and Angular frameworks

Taylor University   *Upland, IN*

STUDENT WORKER: MATHEMATICS AND COMPUTER SCIENCE DEPARTMENTS   *2018 - Present*

- Assisted with courses in Foundations of Computer Science, Calculus I, Problem Solving, Discrete Mathematics, Justifications in Mathematics, Investigations in Mathematics, and Mathematical Modeling with Numerical Analysis
- Worked as a Teaching Assistant during lab times, providing guidance, feedback, and instruction on C++ and Linux-based assignments
- Assisted students during study table hours with introductory Python programming and web development
- Worked with faculty members on funded research regarding the numerical range of matrices over finite fields
- Provided extensive grading feedback in multiple courses on homework assignments, quizzes, and exams

Published Article

Towards Data Science   *Medium Publication*

CONTRIBUTOR   *March 2020 - Present*

- *K-means Clustering on Ordinal Data*, March 2020

Skills

Languages   Javascript, Python, R, SQL, PostgreSQL, NoSQL, MongoDB, C++, Matlab

Tools   Observable, Jupyter, Git, GitHub Linux, AWS, LaTeX, Excel, Minitab

AWS   DynamoDB, Athena, Glue, Lake Formation, RDS, S3, Lambda, CloudWatch, EventBridge, SageMaker