

Miles C. Butler

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Education

University of Michigan | School of Information

Ann Arbor, MI

- Pursuing a **Bachelor of Science in Information Degree** with a focus on Information Analysis and Data Science. Currently enrolled in **data-oriented** programing and web development courses
- Apart of the Leadership program
- Expected graduation date is Spring of 2021

Washtenaw Community College

Ann Arbor, MI 2017-2019

- GPA 3.91 Dean's List: Fall 2017, Winter 2018, Fall 2018

Skills

Python, Git, Piano, Amazon Web Services, EC2, S3, Problem Solving, Microsoft Office, Tableau, Leadership, Analytics, No-SQL, SQL, Linux, Product Management

Experience

Undergraduate Research Fellow | University of Michigan

Ann Arbor, MI 2019

- Performed data analysis on a big dataset using python to develop a linkage between temperature and rainfall using statistical methods and algorithms
- Visualize data using tableau, matplotlib and pandas to present at a symposium

Michigan Data Science Club | Data Challenge

Ann Arbor, MI 2019

- Analyzed a JD Power dataset using an unsupervised machine learning to help provide relevant market analysis to business stakeholders providing insights.
- Lead a team of 4, by forming a plan and dividing roles to compete against other teams on the same dataset to provide the best actionable results in a visualization

Database Development intern | Internet2

Ann Arbor, MI 2019

- Developed and designed a comprehensive yet concise database schema to track networking equipment around the country into a SQL database that was deployed in AWS
- Programed using python automating gathering, cleaning and storing data to solve business problems

Technical Operations Intern | Foresee

Ann Arbor, MI 2018

- Created PowerShell and python scripts to migrate 10TB+ of Google data to Office 365
- Administrated Jira, Office365 and Internal Network to provide efficiency and autonomy to the business

Projects

- **Ross School of Business 2019 Innovation Challenge**- Led a group of 4 members to brainstorm a product strategy of a consulting company that allows technology to be more inclusive for elders and pitched our idea to a group of judges.
- **Turbovote – Design Jam 2019** – Collaborate on a team of 6 to design and develop a product plan that is a secure application that helps engage youth voters and turnout by addressing pain points in the current system.
- **Polaris – Design Jam 2019** – Consulted with Polaris to help refine their application to encourage engagement. We provided solutions by using a gamification product model and incorporated a social interaction within the app.
- **Web scrapping Application** – Programmed a tool that web scrapes price data and updates a real-time AWS hosted NOSQL database.