

JARROD C. DANIELS

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Education

University of Massachusetts Amherst
Bachelor of Science in Informatics
Minor – Japanese & Biology
Graduation Date: December 2020
GPA: 3.763

Boston College High School
Graduation Date: May 2017
National Honor Society

Relevant Coursework: Data Science, Predictive Analytics, Databases, Data Structures, Statistics, Web Programming, Human Computer Interaction, Storytelling with Data, Statistical Modeling

Software Skills: Java, JavaScript, Python, SQL, R, Alteryx, HTML, Tableau, CSS, OBIEE

Work Experience

Fidelity Investments – Business Data Analytics & Research Intern **June 2020 – July 2020**
Enterprise Technology Risk Analytics

- Created customized dashboards in Tableau to support various risk groups across the firm
- Conducted interviews with business partners to identify key areas for process enhancement
- Used python to scrape and wrangle data for analysis and visualization
- Trained predictive models to support fraud detection and prevention
- Developed automated workflows in Alteryx to prepare, blend, and analyze data

Fidelity Investments – Risk Management Intern **May 2019 – August 2019**
Fidelity Digital Assets

- Monitored and prevented unwanted toxic user access within the digital asset's systems
- Created user designed applications to track trade execution quality
- Extracted log data using SQL and Splunk for analysis of incident ticket data
- Performed exploratory data analysis on change management data
- Researched historical digital asset loss events and created a database for trend analysis

State Street Corporation (STT) – GTS Summer Intern **June 2018 – August 2018**
Global Technology Operations

- Prevented unauthorized access to STT system assets with Security Project Services
- Increased employee enrollment numbers for STT's Voice Bio Authentication system
- Created weekly spreadsheets in Microsoft Excel to analyze regional user data
- Used R to sort and visualize Counterparty Credit Risk data

Projects

Nature Watch – Project Lead **Spring 2020**

- Responsible for the overall website infrastructure, project schedule, and system implementation.
- Integrated MongoDB into website's system to hold species sighting data for a given user
- Designed and developed backend in TypeScript to support network routing and deployment

#1 Dining – Project Manager **Fall 2019**

- Maintained and monitored project timelines and ensure accuracy in reporting of project status
- Conducted audience analyses and evaluated user interview data to develop, design/redesign
- Built SQL database to log preference data to create a tailored dining experience for each user