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Dan Billmann
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Education

B.B.A. Information Systems
Minors: Business Analytics
Information Technology

University of Cincinnati
Carl H. Lindner Honors-PLUS Scholar

Graduation Date: April 2017
Current GPA 3.718

Work Experience

Digital Technology Intern
Fall 2014-Summer 2016

General Electric Aviation

Evendale, Ohio

Analyzed Aviation shop floor IP space as a part of a \$2M cost-savings move to an improved export control methodology. Worked on an agile development team ingesting Oracle Data Sources into a PostgreSQL data lake. I used Talend Data Integration Software to extract, transform, and load billions of rows into the target Greenplum Data Lake. Guided a business unit to a technical third party Learning Management Solution. Introduced an integrative collaboration tool that consolidated team communications around agile product development. Migrated two applications to production using Amazon Web Services, Chef, and Jenkins CI. Analyzed three applications' functionality to optimize engineering dashboards for digital thread simplification efforts. Implemented a piece of functionality into a remote test monitoring Proof of Concept system.

Relevant Experience

Introduction to Data Science in Python

Learned to analyze and visualize data using Python's Pandas, Numpy, Matplotlib, Seaborn, and Plotly libraries. Practiced Machine Learning techniques including logistic regression, clustering, and support vector machines.

Independent Study in Business Analytics | University of Cincinnati Women's Soccer Team

Analyzed conference and team strength and the profiles of at-large teams to optimize schedules for the 2017-18 season. Isolated factors to receiving an at-large bid to the NCAA tournament with machine learning techniques.

Awards

Information Systems Student of the Year / Runner-Up

Campus Activities

Bearcat Developers Founder, President 2015-Present

Created an organization dedicated to teaching students interested in programming basic syntax and structure to expose them to the technical side of businesses and increase interest levels in growing technically.

Men's Club Volleyball 2015-16 President | 2013-14 Treasurer

Coordinated with other organizations to streamline travel arrangements and tournament participation.

Controlled the allocation of \$15,000 funds from private, university, and fundraised sources for the team's benefit.

International Experience | Spring 2015

Met leaders from Credit Suisse, Bloomberg, Audi, the European Union, and more to immerse myself in European culture and business practices across ten countries as part of the six-week Lindner Honors-PLUS Study Abroad experience.

Skills

Statistical Analysis, Statistical Forecasting, Data Mining, Business Intelligence, Business Consulting, Data Visualization, Database Design, Database Management, Data Ingestion, Cloud Computing, Web Scraping

Technical Knowledge

Tools: Git/GitHub, DBeaver, Talend, Amazon Web Services, Chef, JMP, Tableau

Most experience: Python (Pandas, Numpy, Seaborn, Matplotlib, Scikit-Learn), Microsoft Office Suite

Working Knowledge: SQL (Oracle, MySQL, PostgreSQL), R, Java, C#.NET, Ruby, HTML5/CSS3

Experimented with: JavaScript, JQuery, AngularJS, Hadoop, PySpark, Python (BeautifulSoup)