

Shane Policano

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PROFILE SUMMARY

Motivated by data and results with experience managing and maintaining databases, collecting large datasets, designing data pipelines, and effectively coordinating the reporting process.

WORK EXPERIENCE

Associate IT Business Analyst/Data Engineer

National Grid - Waltham, MA

June 2021 - Present

- Created data mapping document in support of data migration efforts to define the transformations from legacy systems to the current IBM Maximo database and utilized ETL tools to execute data transfers
- Engaged with key stakeholders and product owners to define and implement the product vision and translated those business needs into actionable reports using Power BI
- Wrote script to automate metadata updates to over 6,000 data fields to improve data quality

Warehouse Logistics Associate

Sure Thing Toys - East Rutherford, NJ

October 2020 - May 2021

- Processed, packaged, and shipped orders accurately while effectively organizing and maintaining warehouse inventory
- Received and unloaded incoming inventory items while utilizing real-time data to check for inventory discrepancies
- Oversaw integrity and accuracy of all products leaving the warehouse during active shifts

Test Engineer Intern

ECI Technology - Totowa, NJ

July 2019 - September 2019

- Designed test control apparatus and equipment, developed procedures for testing products, and devised processes for assuring quality production
 - Tested hardware and software within tightly controlled sandbox environment prior to release to production
 - Analyzed test results and prepared system-level evaluation reports to verify and validate system performance
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PROJECTS

Stock Prices

- Successfully built a back-end for a project to host MYSQL database containing historical stock information on the Amazon Web Services cloud
- Created HTML page users can submit MYSQL queries on the database
- Wrote CGI script in Python to submit query to MYSQL database and return a table on HTML page with query results

S&P Index and Return

- Utilized R to create seasonal models in RStudio to identify trends in S&P index and returns
- Used models to forecast future prices and performed regression test to assess the statistical adequacy of model

Baseball Data Visualizations

- Imported historical baseball data using the Pandas library and used Python to show how the attendance, number of strikeouts, offensive production, and defensive efficiency of All-Star Games have changed overtime
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EDUCATION

Bachelor of Science: Business Analytics and Information Technology

Rutgers University - New Brunswick, NJ

Graduated May 2020

- Graduated cum laude with 3.65 GPA
 - Coursework in Business Decision Analytics Under Uncertainty, Business Data Management, Time Series Modeling, Large Scale Data Analytics, Enterprise Architecture, Information Systems Security
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TECHNICAL SKILLS

Experience In: JavaScript, HTML, CSS, Python, SQL, R, Agile, Jira

Pandas, Matplotlib, Numpy, SciPy, Seaborn

Operating Systems: Windows, Mac OS, Linux

Versed in MS Office Suite, Bloomberg Terminal, Power BI, Tableau, ETLs

LANGUAGES

Basic Mandarin Chinese