

ROBERT J. RUBEL

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Education

The Flatiron School

Data Science and Machine Learning

Expected Certification: August, 2019

University of Maryland, A. James Clark School of Engineering

B.S., Mechanical Engineering

Graduated: May, 2016

Skills

- Python, Microsoft Excel, MySQL, Pandas, NumPy, Scikit-Learn, Logistic & Linear Regression, Looker, XGBoost, KNN, VBA, PCA, Looker

Professional Experience

Consultant, Case Management: Prime Clerk

New York, NY: Nov. 2017 – Present

- Provide technology consulting services to debtors, their attorneys, and financial advisors including Toys “R” Us, Inc., the Sears Holding Corporation, the Island of Puerto Rico, iHeart Media Inc., PG&E Corporation, Nine West Holdings, Inc., and Gibson Brands, Inc.
- Create an address parser using conditional random fields and Pandas to sort and preprocess large data files of creditor information to prepare for import into our system
- Develop and implement logistic regression modeling to gain insights into staffing requirements by predicting incoming claim volume of Chapter 11 cases
- Develop noticing solutions, claim data, customized client reports, and case specific websites and virtual data rooms
- Execute pre-bankruptcy filing preparation, claims administration, strategic communications, and secure disbursements to provide the client a seamless path back to profitability
- Cultivate a deep understanding of American bankruptcy law and the acquisition and sale of assets of distressed companies

Engineer: Clark Construction Group

Washington, DC: Aug. 2016 – Sept. 2017

- Oversaw the client turnover process of Rosslyn Central Place, a 31-story luxury residential tower and 34-story office building, with a combined contract value of \$290,000,000
- Facilitated the launch of a new building turnover software that organized and extracted data by providing the R&D team with feedback and generating ideas to improve the product
- Prepared project schedules and schedule updates to ensure timely delivery and client satisfaction
- Utilized project management software to identify over 60,000 quality control issues and create data reports to distribute to any relevant subcontractors
- Developed and maintained positive working relationships with clients, architects, project managers, international suppliers, and subcontractors to generate repeat business

Intralox Product Development Project

College Park, MD: Jan. – May 2016

- Employed the product development process in a team of six to improve the method of cleaning modular plastic sortation conveyors in manufacturing facilities worldwide
- Performed market analysis, design parameter creation, concept generation, material selection, design for manufacturing and assembly
- Developed, tested, and evaluated numerous prototypes to refine the product and meet our performance and financial goals
- Formulated final design specifications, subsystem assemblies, individual part drawings, and a bill of materials
- Prepared and presented a 100-page final design report, business plan, and working prototype to the engineering faculty

DeWalt Product Design Project

College Park, MD: Sept. – Dec. 2015

- Collaborated with a group of five students to dissect, benchmark, and carry out performance testing on the transmission and impacting mechanism of the DeWalt DCF815 Impact Driver
- Individually redesigned, modeled, and analyzed the spring of the impacting mechanism of the DeWalt DCF815 Impact Driver to increase performance and reduce cost
- Prepared and presented a 40-page final design report that outlined the characteristics of our redesign including the physics of the impact driver, CAD and FEA modeling of our proposed solution, a detailed analysis of the expected performance behavior, necessary manufacturing process changes, a cost analysis, and our final recommendation about the redesign idea