

Jacob Shapiro

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Objective

Organized and motivated incoming Risk Assurance Associate at PricewaterhouseCoopers (September start date) with a chemical engineering and MBA background. Interested in finance and marketing from an analytics or controls perspective. Studying for CISA.

EDUCATION

University of Delaware, Newark, DE

Candidate for Masters in Business Administration, Business Analytics Major; GPA – 3.94

May 2020

Honors and Awards: Graduate Assistant Scholarship

Bachelor of Science in Chemical Engineering; GPA – 3.25

June 2019

Honors and Awards: Distinguished Scholars Program, Dean's List

WORK EXPERIENCE

Alfred Lerner College of Business and Economics Communications

February 2020 – May 2020

Marketing Analytics Intern

- Created several Google Analytics dashboards for easy check-in on goal completions
- Reviewed reports about marketing efforts to assist leadership in revising future campaign strategy
- Assisted in social media analytics and channel targeting

Applied Control Engineering, Inc.

Control Engineer Intern

June 2019 – Dec 2019

- Created a web-based application for accounting department and executive use to eliminate invoicing errors and streamline workflow.
- Configured hardware including workstations, Human Machine Interfaces (HMI), network switches, and Programmable Logic Controllers (PLC) to correctly communicate on networks and properly implement safety protocols at manufacturing plants.
- Created and executed Network Design documents and Factory Acceptance, Site Acceptance, and Functional Tests.

Merck & Co.

Rotavirus Downstream Bulk Operations Intern

May 2018 – August 2018

- Reorganized and optimized a high-density storage space in collaboration with building management team to make the space more process-optimized and Lean-oriented for a ~10% increase in productivity per batch.
- Managed and approved Environmental Monitoring data to decrease lead time for approving batches.
- Supported compliance project that changed over from paper to Electronic Batch Records within the Bulk group for the "Redispatch" process, which reduced lead time, errors, and upheld the "right-first-time" mentality.

Agilent Technologies Inc.

Marketing Communications Specialist Intern

February 2017 - February 2018

- Reported internal execution and financial results on a monthly and quarterly basis to the Genomics Regional Managers for North and South Americas via data visualization techniques.
- Planned collateral designs, marketing campaigns, and logistics and materials for over 50 regional events – one of the group's main source for relevant leads.
- Managed Agilent Genomics social media to upkeep branding efforts, as well as promoting products and events.

SKILLS

- **Manufacturing:** Six Sigma and Lean experience, cGMPs, Workflow Optimization, Teaming, Logistics
- **Programs:** Google Analytics, Python, R, C# (basic), JavaScript, SQL, HTML (basic), Tableau (basic), Matlab, Aspen Plus, Minitab, Microsoft Office, AFT Fathom, Ansys Fluent