

William M. Kraynik

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24 Thistle Court Wilmington, DE 19810

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| EDUCATION | The Pennsylvania State University, University Park, PA Bachelor of Science in Computer Engineering | Graduation: May 2018 |
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SUMMARY

Digital Engineering Associate in the Spark Digital branch of DuPont, with an interest in software development, automation and data analysis. Well versed in creating Robotic Process Automation (RPA) solutions, performing all stages of software development life cycles and communicating directly with business partners/senior management to reach software project goals.

TECHNICAL SKILLS

Programming Languages: **Python, C#, SQL**, VBScript, HTML5, CSS3, Java
Technologies: **Blue Prism, Azure Services** (Blob Storage, Data Lakes, etc.), SAP, Power Automate
Certifications: **Blue Prism Developer Certification** (AD01)

PROFESSIONAL EXPERIENCE

DuPont

Jan. 2019 - Present

Digital Engineering Associate, Emerging Technologies

Consolidated Credit Check Report Creation

- Created **Blue Prism** automation solutions to obtain business data from over 16 SAP transaction codes and 2 SAP systems.
- **Consolidated** all data to create a credit check report for CSRs.
- Captured issue trends based on CSR data analysis to identify and alleviate customer credit blocks.
- Integrated **Microsoft** tools such as **Excel, SharePoint, Outlook** and **Power Automate** with Blue Prism to provide a business-friendly solution.
- Acted as a **liaison between client** and DuPont RPA department.
- Performed **full life cycle** of RPA development (Business Problem Analysis, RPA Development, Testing, and Support/Maintenance).

Complaint Case Automation

- **Reduced manual efforts** needed from Customer Service Reps. (CSR) to create supply chain complaint cases in Salesforce.
- Created the ability for clients to fix missing data in real time, via **Microsoft Power Automate**.
- Automated obtaining required shipment data from **SAP** using **VBScript**.
- Leveraged **Salesforce API** to create complaint cases in **Salesforce**.

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Human Resources Payroll Automation

- Automated the consolidation of monthly, bi-weekly, and weekly **confidential** DuPont payroll information.
- Implemented **Blue Prism** automation to decrypt payroll files using **Kleopatra**.
- Automated downloading additional payroll files from the Bank of America **website**.
- **Increased report accuracy with financial error detection** calculations.
- Reduced manual efforts and money spent consolidating and analyzing payroll data.

Label Printing Machine Automation

- Implemented Blue Prism automation to eliminate data bottleneck between DuPont label printing machines and Azure services.
- Dynamically obtained machine list using **SQL** data connection.
- Integrated the Link Manager website to allow the bot to use **FTP** to obtain machine logs.
- Created **Python** scripts to download all machine logs, and upload them to **Azure Services (Blob & Data Lake)**.
- Resolving this data bottleneck, allowed data engineers to obtain enough data to create predictive machine learning models.

Inbound - Outbound Delivery Automation

- Implemented a **multi-bot Blue Prism** automation project to create a consolidated report for CSRs and update **SAP** with the correct inbound and outbound data.
- Created **one** primary bot to handle report consolidation efforts, as well as sending **Excel** report data to the secondary bots.
- Leveraged **four** secondary bots to handle updating **SAP** with data received from the primary bot.
- **Increased accuracy of data** being submitted into SAP production systems.

INTERESTS

- Rock Climbing, Hiking, Sports (NFL, NBA, NHL, etc.), and Physical Fitness.