Emily Boyes

Software Developer

Dedicated and eager young professional excited about data science and it's window into the future.

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SKILLS

Linux, Mac, Unix, Windows OS	Agile Methodology	Software Development Lifecycle	Relational Databases
Android Applications	Supervised & Unsupervised Learning	Business Process Automation	Machine Learning
NLP	A/B Testing	Neural Networks	OCR

PROGRAMMING LANGUAGES & SOFTWARE

Python	Jupyter Notebooks	SQL	JSON
Automation Anywhere	Java	Amazon Textract	C#

EDUCATION

Data Science Flex Bootcamp
Thinkful

03/2019 – Present

- Supervised Learning Capstone: Predicting the Next Presidential Nominee Using Twitter
- Unsupervised Learning Capstone: The Impact of Twitter Bots on Presidential Candidates' Tweet Sentiment Analysis
- Analytic Report and Research Proposal: FBI NICS Firearm Background Check Data Exploration

BA Mathematics, Computer Science
Washington and Lee University

2013 – 2018 *Major GPA: 3.55 /4.00 (CSCI), 3.49/4.00 (MATH)*

- Mathematical Statistics I & II
- Financial and Actuarial Mathematics
- Software Development (Java)
- Fundamentals of Python I & II

WORK EXPERIENCE

IT Generalist I (RPA Developer)
Freddie Mac

06/2018 – Present *McLean, VA*

- Designed, developed, and implemented 4 full automation processes (low to medium risk) that will save Freddie Mac an estimate of $200,000/yr, or over 3,000 employee hours
- Support the full lifecycle of process automations including design, development, integration, QA, UAT, regression testing, stress testing, production support, and solution documentation
- Support existing process automations and implement new requirements and code enhancements using an Agile change control process
- Enhance, Develop, and Standardize existing Design Standards and Coding Guidelines to streamline the repeatable design, development, and release process

Finance Coordinator
Tribune Media

06/2017 – 01/2019 *Philadelphia, PA / Remote*

- Processed payments for programming fees up to $2.5 million per day and updated subscriber count for each client in Medea accounting software
- Implemented a new file organization system for thousands of current and past legal agreements
- Ensured accurate reflection of revenue and subscriber information within Tribune Broadcasting for all cable networks and affiliate stations
- Managed network subscriber fees for more than 1,000 accounts and resolved discrepancies in payments according to legal agreements