# 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

Statistical Analysis   Git   Business Process Automation   Machine Learning   NLP   A/B Testing   Neural Networks   OCR

## EDUCATION

**Data Science Flex Bootcamp**
Thinkful
*03/2019 – 10/2019*

**BA Mathematics, Computer Science**
Washington and Lee University
*09/2013 – 05/2018*                                      *Major GPA: 3.55 /4.00 (CSCI), 3.49/4.00 (MATH)*
*Courses*
- 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*
*Achievements/Tasks*
- 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
- Work closely with business areas to identify additional and/or alternative solutions to support their processes including business process management (BPM), Artificial Intelligence (AI), Machine Learning, Optical Character Recognition (OCR), and Natural Language Processing (NLP)

**Finance Coordinator**
Tribune Media
*06/2017 – 01/2019*                                                              *Philadelphia, PA / Remote*
*Achievements/Tasks*
- 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

## PROGRAMMING LANGUAGES

Python (Jupyter Notebooks, pandas, matplotlib, Plotly, Seaborn, PyTesseract)
*Full Professional Proficiency*

SQL (PostgreSQL, RapidSQL)
*Professional Working Proficiency*

Automation Anywhere
*Full Professional Proficiency*

Java
*Professional Working Proficiency*