Mark A Emmons

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Education

University of Illinois at Chicago, Chicago, Illinois   Aug 2012–Dec 2015
- Bachelor of Science in Computer Science.
  - · Minor in Bioengineering.

Technical Skills

C#, Powershell, Pester, Visual Studio .Net, Microsoft SQL Server, Oracle Database, Oracle Application Express, C/C++, Unix Shell(Bash/Zsh), VBA, Python, Selenium, Java, Maven, Node Js, React.js, Git, Jenkins, Docker, AIM, Jira, LaTeX, XML, Postman, J&B Transaction Management System and Sort Pattern Generator

Work Experience

JPMorgan Chase, Chicago, Illinois

Account and Reference Data Analyst   Sep 2017 – Feb 2020
Account and Reference Data Manager   Feb 2020 – Present

- Build and test new lockbox setups for BAU and Public Sector clients using Transaction Management System. Work with Technology to define requirements for custom coding on high-complexity projects.
- Develop Powershell modules and cmdlets to automate processes such as reading and writing XML files, calculating check digit routines, and connecting to transmission services. Write SQL queries to diagnose root cause of errors in lower environment and pull statistics on OCR read-failures for scannable coupon testing.
- Implementation team point-of-contact for E-Series migration. Assist with development and execution of OCR conversion tool that maps Itran tbl coordinates to compatible ini files. Run ad-hoc queries on sort patterns for Operations and Technology to identify candidates for migration waves.
- Product Owner for Client Services data platforms, including ROSS Database and Tableau dashboards. Participate in story refinements, lead User Acceptance Testing (UAT), and provide signoff prior to each release.
- Subject-matter expert for Enhanced Healthcare product. Maintain SOP documentation, participate in knowledge sharing calls, and assist management on escalated production issues.

Projects

Arch Linux Installation Script
- Automated OS installation and development environment setup in Bash.

ISOMaster
- Simplified creation of customized Arch Linux installation ISOs utilizing Docker.

Sudoku Solver
- Dancing Links implementation in Java for solving Sudoku puzzles using Algorithm X.

Credits
- Blockchain cryptocurrency written in Javascript.