Meggan M Green | Software Engineer

+1 773 373 9414 | email@meggan.green | English, Español

LinkedIn, GitLab, GitHub: meggangreen

Technologies | Languages and Tools

Python, Flask, Rails, JavaScript, jQuery, HTML, CSS, MySQL, PostgreSQL, ORMs, Git, Vagrant, Google Cloud Platform

Technical Experience | Relevant Accomplishments and Responsibilities

FEDERAL AVIATION ADMINISTRATION | MANAGEMENT & PROGRAM ANALYST   **10/2021 – PRESENT**
- Created and implemented Robotic Process Automations to streamline safety publication and notification workflows.
- Responsible for maintaining and upgrading databases and local IT tools for all program areas.

GREEN KEY TECHNOLOGIES (GK) | CUSTOMER ENGINEER   **3/2019 – 6/2019**
- Automated downtime alerts with a Python script run in Kubernetes clusters and a custom GCP Stackdriver metric.
- Remotely deployed on-premise product for customers in USA and Europe, configuring Docker Swarm setup as necessary.
- Used command line interface to troubleshoot and maintain on-premise and cloud deployments.

CHECKR, INC. | SOFTWARE ENGINEERING INTERN   **6/2018 – 8/2018**
- Built a Rails REST API micro-service, Rules Manager, to manage legal compliance rules underlying background check results.
- Collaborated with engineering and legal teams using Agile methodology to iteratively build a user-focused interface.
- Wrote automated tests in RSpec and employed CircleCI to manage continuous integration.

FREELANCE | WEB DEVELOPER   **6/2015 – 8/2017**
- Developed web sites and trained clients in site management in English and Spanish; HTML/CSS; WordPress with PHP; JS.

MONDELĒZ INTERNATIONAL (KRAFT FOODS)   **9/2008 – 6/2015**

COMMERCIALIZATION PROCESS SYSTEMS LEAD | with MAP ENGINEERING   1/2012 – 6/2015
- Designed data-retrieval instrument and executive review dashboards for project management database.

MANAGEMENT SYSTEMS ANALYST – LEAN/6SIGMA | with MAP ENGINEERING   1/2011 – 12/2011
- Automated data analyses using VBA/Excel, reducing time spent on repetitive tasks by at least eight man-hours each week.
- Adapted bakery production app to utilize plant's MySQL database, providing immediate ability to visualize historical data.

TECHNICAL WRITER – LEAN/6SIGMA | with KELLY ENGINEERING RESOURCES   9/2008 – 12/2010
- Built end-to-end desktop app (VBA/Excel) to record and visualize hourly production data; implemented in all USA bakeries.
- Developed automation to generate throughput and downtime charts, clearing six hours of manager's time weekly.

NEW HORIZONS COMPUTER LEARNING CENTER | FACILITY MANAGER   **10/2006 – 8/2007**
- Designed textbook database (Access) to increase efficiency in inventory cycle count, ordering, and receiving.

GREELEY COMPUTER SERVICES | OFFICE MANAGER AND ASSISTANT TECHNICIAN   **6/2004 – 9/2006**
- Administered internet service and web hosting for 100+ customers, including level-1 troubleshooting.

UNIVERSITY OF NORTHERN COLORADO | STUDENT WEB AUTHOR   **11/2001 – 5/2003**
- Created websites for academic departments and student organizations in HTML and CSS; Dreamweaver; MS Front Page.
- Converted traditional learning materials to Blackboard online learning system; guided faculty through Blackboard training.

Education | Degree and Additional Curricula

HACKBRIGHT ACADEMY | Software Engineering Fellowship | Accelerated, immersive education in full-stack development

UNIVERSITY OF NORTHERN COLORADO | BA, Journalism & Mass Communications | Colorado Press Association Merit Scholar