Justin L. Perona

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Summary

Infrastructure and DevOps engineer using CI/CD tools to allow other developers to make their own code and configuration changes, and make those changes faster. Significant experience in working with technical and non-technical clients and writing clear documentation for both groups.

Skills

Programming Languages	Python, PowerShell, Bash, SQL
Version Control and CI/CD	Git, GitLab, GitHub Actions
Containerization	Docker, Podman, Dockerfiles, Dev Containers
Markup and Typesetting	XML, XSD, Markdown, reStructuredText, Sphinx, LaTeX

Experience

Infrastructure and DevOps Engineer   09/2021 - Present
Intel Corporation

- Creating CI/CD pipelines to test, build, and deploy **Docker** containers and **Python** packages.
- Drove the migration of my organization's 100+ CI/CD pipelines from **GitLab** to **GitHub Actions**.
- Driving the adoption of CI/CD, code quality, and documentation best practices in my organization.

Associate in Computer Science   08/2018 - 06/2020
Department of Computer Science, UC Davis

- Instructor of record for introductory computer architecture classes for two quarters.
- Instructor of record for computer science pedagogy seminars for four quarters.
- Responsible for course administration, including lecturing, grading, and developing course material.

Projects

perona.dev   10/2020 - Present
https://perona.dev/projects/perona-dev

- Created my personal website from scratch with Ruby and Jekyll.
- Moved hosts from GitHub Pages to **GitLab** Pages and set up my own CI/CD script.
- Wrote retrospectives of my past projects aimed at both technical and non-technical audiences.

Logisim Evolution Autograder   12/2019 - 03/2020
https://perona.dev/projects/logisim-evolution-autograder

- Developed an autograder to grade Logisim Evolution lab assignments on Gradescope grading platform.
- Wrote **Bash** scripts and **Dockerfile** equivalents to generate **Docker** containers for deployment.
- Deployed containers successfully graded 7000+ submissions in a class of 200 students.

Education

University of California, Davis
Davis, California

- Computer Science, MS   09/2016 - 06/2019
- Computer Science and Engineering, BS   09/2012 - 06/2016