

Raymond M. Pistoresi

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Experience

Software Developer, 08/2017 - Present, Meridian Valley Lab, Kent, WA

One of two developers responsible for the design and creation of in-house software solutions for high throughput diagnostics laboratory. Collaborate across the entire company including scientists, technicians, and lab management to gather requirements, define project scope, and launch efficient products. Support business by developing tools and reports for new tests the lab brings to market (MS SQL Server, T-SQL, Access, VBA, Stored Procedures)

- Redesigned 4 legacy applications into a singular program resulting in an increase in production for the Allergy department
- Developed and built data management and reporting tools that helped the release of 6 new tests into the market
- Developed software tool that replaced manual lab testing QC process which produced more consistent and relevant test results

Teaching Assistant, 02/2017- 05/2017, University of Nevada, Reno

- Prepare key and grade homework and exams for Reliability & Security of Computing Systems course

Engineering and IT, Student Intern, 06/2015 - 06/2017, NV Energy, Reno, NV

- Developed website for facile document retrieval for department and maintained Vegetation Department database (HTML, CSS, JS, JET SQL)

Projects

MN, Deploying fall 2019

- A sweet web app that we're making... (AWS, Docker, MEAN)

Personal Website, 2019

- Most recent iteration of my personal website launched on GitHub Pages (Angular)

I Love Reno, Spring 2017, Senior Project, University of Nevada, Reno

- Local businesses and community members share hyper local events in the greater Northern Nevada area. Developed as a custom WordPress site (AWS, LAMP, WordPress)

Parallelizing Mandelbrot, Spring 2017, University of Nevada, Reno

- Implemented static, dynamic, and hybrid load balancing solution for outputting the fractal set as an image on a compute cluster (C++, MPI, Slurm)

Education

B.S. in Computer Science & Engineering, minor in Mathematics

May 2017, University of Nevada, Reno (Dean's List Fall 2014, Fall 2015, Fall 2016)

Skills

Languages: C/C++, VBA, T-SQL, HTML, CSS, TypeScript, JavaScript, Python

Databases: MS SQL Server, MySQL

Skills: AWS, Git, Docker, Trello, MS Access, Slurm, MPI, WordPress

Stacks: MEAN, LAMP, WAMP

Platforms: Linux, Windows, Mac