Raymond M. Pistoresi

435 Dexter Ave N, Apt 105, Seattle, WA 98109
rpistoresi@nevada.unr.edu ▪ 775.742.5352

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 a 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 single program resulting in a 30% increase in production
- Created data management and reporting tools that enabled the release of 6 new tests into the market
- Developed software that replaced manual lab QC process producing more consistent and relevant test results

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

- Prepared key and graded 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 and maintained database for department (HTML, CSS, JS, JET SQL)

Projects

***MN,** Deploying fall 2019*

- Exploring my own brand of nerd in blog form. Leveraging Docker to serve each component of the MEAN stack in separate containers (AWS, Docker, MEAN)

***Personal Website,** 2019*

- Most recent iteration of my personal website launched on GitHub Pages (Angular, HTML, CSS, JS)

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

- Local businesses and community members share hyperlocal 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