Christy Welsh

Summary

I am a skilled engineer and problem solver with a background in education and technical writing. Over the past year, I took the opportunity and initiative to add web development to my experience as a tenured teacher with a math credential that includes number theory and statistics. I am a lifelong Microsoft Windows & Office user, active on social media, and an early adopter of new technology. I am a perfect fit for computer programming because I am a logical thinker and self-disciplined worker, always striving for excellence and efficiency in the details.

Technical Skills

· HTML	· SQL	*Familiarity with*
· CSS	· MySQL	· Python
· Javascript	· Postgresql	· Java
· Node.JS (React & Express)	· MongoDB	· AWS
· JQuery	· Git	· Postman
· Bootstrap	· Heroku	· Passport.JS

Experience

Full Stack Web Developer, Student; Covalence, Egghead, MongoDB University, etc. (Dec 2017 – Feb 2019)
- · Created full stack React web apps that excel in design, functionality, secure login, payment processing, access to external APIs, etc.
- · Implemented React frontend, RESTful Express backend, and SQL or MongoDB storage.
- · Leveraged various resources to problem solve: debugging, research, Stack Overflow, React forums.

Tenured Teacher, Castro Valley High School, Castro Valley, California (Aug 2015 – Nov 2017)
- · Designed and delivered instruction for students' math standards mastery in new curriculum and evolving state mandates.
- · Integrated educational technology tools such as iPads, eBooks, ChromeBooks, graphing calculators, Desmos, etc. to meet individual student learning needs.
- · Managed the classroom environment of diverse students; from at-risk to high achieving, from a wide range of socio-economic backgrounds.

Teacher, Clayton Valley Charter High School, Concord, CA (Spring Semester 2015)
- · Quickly established positive relationships with and remediated students' first semester skills.
- · Designed and implemented interactive, standards-based Algebra lessons and assessments.
- · Collaborated with parents, administrators, fellow teachers, and subject teams to achieve the goals of the school's math department.

Additional Experience (prior to 2015)

- · **Resource Instructional Aide**, Foothill High School, Pleasanton, CA (2011 - 2014)
- · **Tutor**, 10 years' experience guiding students elementary through college (2004 – 2014)
- · **Science and Technical Writer & Copy Editor**, Various freelance roles (2007 – 2011)

Education

- · **Full Stack Web Development**, Covalence, Egghead, MongoDB University, and other online certifications
- · **Single Subject Teaching Credential** Math, Patten University, Oakland, California
- · **Technical Writing Certification**, San Francisco State University
- · **Bachelor of Arts Degree** CSU Hayward, Summa Cum Laude