Christy Welsh

Skills

Intermediate
HTML
CSS
JavaScript
jQuery
Node
React
Express
NPM
MySQL
PostgreSQL
MongoDB
Mongoose
GitBash
GitHub

Beginner
Python
Bootstrap
Material UI
Heroku
AWS (EC2, S3, RDS)
Passport.JS
OAuth
Stripe.JS
Webpack

Familiarity
Docker
React Native
Xcode
Objective-C
Android Studio
Java
Babel
Scrum
Chocolatey
Home Brew
Postman
NumPy
PyQT
PyCharm

Experience

Full Stack Engineer   2018 to Present

Personal Projects
Ethos
- A full stack MERN app that creates an interactive and informational experience
- A click of a button retrieves and displays data from a third party API
- The server collects feedback metrics with users' 'thumbs up' or 'thumbs down' vote on each display
- Frontend created with React, HTML, and Material UI
- Backend created with Express.JS and MongoDB
- Deployed on Heroku

Rainy Day Blog
- A full stack Node app where users send CRUD requests to manage personal blogs
- Frontend created with React and HTML, styled with CSS and Bootstrap
- RESTful backend created with Express.JS and SQL storage, including a many-to-many database and stored procedures
- Authentication with secure & persistent login using Passport.JS and route protection
- Deployed using AWS; EC2, S3, and RDS

Tenured Mathematics Teacher, Castro Valley High School 2015-2017
- Led students to math standards mastery in new curriculum and evolving state mandates by evaluating individual learning needs, collaborating with parents and support staff, and delivering lessons one-to-one, in small groups, and in whole class instruction
- Managed over 100 students per year and maintained a positive, encouraging, and safe classroom environment of diverse youth; from at-risk to high achieving, from a wide range of socio-economic backgrounds
- Improved student engagement by integrating educational technology tools such as apps on iPads, ebooks, graphing calculators, Desmos, etc.

Education

CSU Hayward, **Bachelor of Arts Degree**, Summa Cum Laude
San Francisco State University, **Certificate in Technical and Professional Writing**
Patten University, **Mathematics Teaching Credential**