

# 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

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

## Experience

### Freelance Web Developer

May 2018 to Present

#### 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

##### Rainy Day Blog

- A full stack Node app where users send CRUD requests to manage personal blogs
- Frontend created with React Router 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.

### Research Assistant, Pearson Publishing LTD 2011-2013

Assisted in publication of "Get Fit Stay Well," a college health science textbook by Janet Hopson, by analyzing and organizing journal articles from database searches

### Science Writing Intern, Stanford News Service 2009-2010

Published news stories on deadline in science, technology, psychology and business in collaboration with Stanford researchers and the News Service's editor and photographers

### Freelance Technical Writer 2007-2011

Assisted in production of business proposals, legal reports, and essays as a line editor, proofreader, and copy editor for various contracts

## Education

CSU Hayward, **Bachelor of Arts Degree**, 2005, Summa Cum Laude

San Francisco State University, **Certificate in Technical and Professional Writing**, 2009

Patten University, **Mathematics Teaching Credential**, 2014