Emily Anne Moses
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LANGUAGES
JavaScript :: Python :: Ruby :: Go

EXPERIENCE
Software Engineer :: Pair Programmers :: Austin, Tx :: 2019 - present
- Small tech start-up creating supplemental coding resources for engineers of all levels.
- Creating code challenges, YouTube video tutorials and blog post material for tech education purposes.

Software Engineer Instructor :: Austin Coding Academy :: Austin, Tx :: 2019 - present
- Instructing twenty aspiring engineers in web development.
- Facilitating code challenges to practice logic and white boarding .
- Creating JavaScript coding exercises to improve students web development skills.

Software Engineer :: The Home Depot :: Austin, Tx :: 2018 - 2019
- Writing enterprise software using JavaScript, Python and PostgreSQL.
- Conducting tech talks and workshops to improve company-wide knowledge of technologies.

Software Engineer :: GrayMeta :: San Francisco, Ca :: 2016 - 2018
- Building full-stack web-based enterprise software using JavaScript framework and Golang back-end.
- Implementation and training on Microsoft's Cognitive Services and Machine Learning.
- Operated on deadline efficiently with other developers in deploying to production.

JavaScript Instructor :: General Assembly :: San Francisco, Ca :: 2015 - 2016
- Instructed eleven junior front-end engineers JavaScript.
- Created JavaScript coding exercises to improve students web development skills.

Small Business Owner :: WoodCraftersDesign :: Oakland, Ca :: 2010 - 2015
- Designed and implemented an e-commerce website in HTML5 and CSS3.
- Built and carved wood art pieces for sale at markets in the Bay Area.

QA & UI Testing Coordinator :: CommunityPro :: Oakland, Ca :: 2008 - 2010
- Testing, tuning and debugging each clients site and refinements to ensure quality and usability.
- Verifying usability with navigations, data integrity and formats for thirty-seven websites.

Digital Media Instructor :: UC Berkeley Advanced Media Institute :: Berkeley, Ca :: 2006 - 2008
- Instructed professional journalists in publishing photojournalism & print stories to the web.

WEB DEVELOPMENT
Personal Project :: Graph Sense :: Live project :: github.com/eamoses/graphsense
Live stream data with wifi enabled micro controllers to relay sensor data to dynamically updated graphs
- Implemented HTTP requests for JSON file updates to maximize data stream.
- Handled JavaScript SKDs for data stream updates and object construction for data visualization.

Personal Project :: Feline & Friends Finder :: Live project :: github.com/eamoses/project-01
Full CRUD MERN stack application utilizing ReactJS and noSQL database to post lost pets.
- Utilized React and CSS3 positioning to create mobile responsive design for all screen sizes.
- Implemented Handlebars to display database information on the front-end.

EDUCATION
American University in Cairo :: Cairo, Egypt :: Political Science, Arabic Language Certification :: 2004
University of Massachusetts :: Amherst, Ma :: B.A., Sociology, Journalism :: 2006
General Assembly :: San Francisco, Ca :: Web Development Immersive :: 2016
Austin Community College :: Austin, Tx :: Associates Degree in Computer Science :: In Progress