Dr. Josh Simmons

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WORK HISTORY

- **Front End Developer | Living Spaces Furniture | May 2019 - Present**
  - Designed and developed web apps and static webpages for public website, as well as internal dashboards.
  - Devised and developed A/B website tests using Optimizely and jQuery in order to increase eCommerce revenue.
  - Deployed and automated tasks on various Google Cloud services (Cloud Functions, Compute Instances, Container Registry (for Docker images), Pub/Sub, Cloud Scheduler).
  - Coded webpages from Zeppelin mockups with close adherence to ADA guidelines.
  - Mentored cross-departmental groups of programmers in Git, Python, and REST API interaction.
- **Web Developer | University of California Irvine | September 2015 - May 2019**
  - Used HTML/CSS/JS Bootstrap, and ReactJS to develop websites.
  - Front end development, with some back end - building APIs in Node and Express using MongoDB, testing with Postman,
  - Coordinated medium-sized teams across multiple disciplines (lighting, sound design, 3D animation, graphic design, et al.) in the construction of multiple large-scale multimedia works.
  - Conducted UX A/B testing, and user research
- **C# Developer | Headbang VR | November 2016 - March 2018**
  - Developed new generative graphics techniques using Unity and C#.
  - Communicated company vision and direction with investors.
- **Web Design and Motion Graphics | Self-Employed | 2012 - 2015**
  - Designed websites and bespoke live multimedia experiences for performers.

TECHNOLOGIES

- **Languages/Libraries/Frameworks/etc.**
  - JavaScript - React, Redux, Express, Node, ES6
  - Python - Flask, Django, Pandas, Selenium, Beautiful Soup, Requests, Multiprocessing
  - Linux/Ubuntu/Bash Scripting
- **Cloud/Cloud-Related**
  - Google Cloud Platform - Compute Engine, Pub/Sub, Cloud Scheduler, Container Registry, Cloud Functions, Firestore, Firebase
  - AWS - EC2, Lambda
  - Docker
  - Terraform

PROJECTS

- **eCommerce Product Info API**
  - Created various scripts to collaborate product info and put into collections inside a NoSQL database. Made the database accessible through a RESTful API built in Flask.
- **Email Maker - Web App**
  - As part of a team of devs, I architected and helped create a click-and-drag application with a WYSIWYG interface for designing emails. Once the user is satisfied with their design in the editor, they can press a button to download the email as fully-responsive, cross-client compatible HTML with inline CSS (necessary for scheduling in the email service). The application was developed for and hosted on Firebase.
- **Shipping Time Audit**
  - In order to provide eCommerce upper management with current information on product shipping times, I created a Python program that spoofs geolocation and cookie information using Selenium/ChromeDriver to obtain shipping times for various locations. After scraping the data, charts are dynamically created and emailed to show the current week's shipping time, as well as shipping fluctuations over time.