

MARK E. MANDELL

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SKILLS & TECHNOLOGIES

Languages: JavaScript (ES5, ES6), Python

Technologies: HTML5, CSS3, SASS, React, jQuery, REST APIs, Git, Postgres, MySQL, Django, Node.js, Express, Elasticsearch, Amazon Web Services, React Native

Skills: Agile Development, Test-Driven Development

WORK EXPERIENCE

Software Engineer

Dec. 2018 – Present

Stanford University

- Design and implement features and improvements, helping gene curators efficiently submit and analyze medical and genetics data
- Work closely with stakeholders to determine the long-term vision of the gene/variant curation interfaces for ClinGen's open-source application
- Responsible for bug fixes and quality assurance of new features via test-driven development
- Brought a Variant Prioritization service to production with a small team of developers, significantly increasing the number of variants a clinician can curate at any given time
- Collaborated with external developers to migrate legacy code to a microservices architecture using Amazon Web Services

Freelance Web Developer

March 2018 – Dec. 2018

Upwork

- Using JavaScript and PHP, develop WordPress plugins and functionality of client sites
- Redesign front-end and rebuild client sites using WordPress, HTML, and CSS
- Implement responsive design using media queries to make client sites mobile-friendly

EDUCATION

General Assembly

Sept. 2018 - Dec. 2018

Web Development Immersive (Full-time)

- Immersive focused on the software development environment and the basics of computing, networks, and data structures
- Developed the skills to build applications that meet user needs, model data, develop wireframes, and worked collaboratively through version control
- Learned to build applications from the ground up using key programming languages and frameworks
- Worked as a team utilizing Git and GitHub while executing software engineering projects in an Agile development workflow

University of Florida, Gainesville, FL

August 2018

College of Agriculture & Life Sciences

Bachelor of Science in Biology – Natural Sciences