

Gregory Merrill

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Skills:

Languages and Frameworks: JavaScript, React, Node.js, Python, Django, jQuery, HTML, CSS, Bootstrap, Materialize, Visual Studio Code

Server-Side and Database: Express, PostgreSQL, Mongoose, MongoDB, OAuth, Passport, Amazon S3

Version Control and Workflow Management: Git, GitHub, Command Line, Trello, InVision

Methodologies: Object-Oriented Programming, MVC Pattern, Wireframing, ERDs, User Stories, Responsive Design

Communication: Slack, Zoom Chat, Google Hangouts

Forensic and Mechanical Engineering: Scientific Method, Forensic Investigation, Heat Transfer, Fluid Dynamics

Spoken / Written Languages: English (Fluent, Native), Spanish (Beginner)

Projects:

Minesweeper [GitHub](#) | [Application](#) (First individual project) *August 2019*

- Developed game as a single-page web application using HTML, CSS, and JavaScript
- Successfully planned project design using wireframing, pseudocode, and the MVC pattern
- Learned how to break down and apply game logic using JavaScript
- Strengthened page structure and styling skills using HTML/CSS

protestNOW [GitHub](#) | [Application](#) (GA SEI final project) *October 2019*

- Developed a story-sharing web platform for protest participants using a React front-end
- Utilized Express and MongoDB for back-end data management to create a full MERN-stack app
- Implemented image uploading and the ability to edit submitted stories
- Curated a consistent theme and design, focusing specifically on stories that users have shared

Experience:

General Assembly

San Francisco, CA

Software Engineering Immersive Graduate

07/2019 – 10/2019

- Learned full stack software development over the course of 12 weeks
- Completed four projects based on current technologies being learned

McDowell Owens Engineering

Houston, TX

Forensic Mechanical Engineer

01/2016 – 03/2019

- Applied Scientific method to investigate engineering failures
- Assembled and configured engineering tests to test hypotheses and gather results
- Performed data analysis on data from tests and communicate results in understandable way
- Gathered and relayed documentation information efficiently from legal, corporate, and scientific sources to compile into a technical report

Forensic Engineering Lab Technician

07/2015 – 12/2015

- Enforced an organized forensic evidence warehouse and implement an evidence documentation process
- Learned and mastered new technologies on the job, including a computer-aided fire behavior analysis program
- Enabled the use of Schlieren Optics for testing purposes
- Composed and revised technical reports given to clients writing

Education:

General Assembly Software Engineering Immersive
Full-stack bootcamp

San Francisco, CA
07/2019 – 10/2019

Texas A&M University
B.S. Mechanical Engineering

College Station, TX
05/2015