Aram Martin

Software Engineer

W: Portfolio | **G:** GitHub | **L:** Linkedin

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Objective

Results-driven engineer with more than 4 years experience in data analysis and 1 year experience programming and debugging software in several environments including, JavaScript, Python and SQL, seeking full stack or backend engineering role with an innovative and dedicated team that promotes equity, equality, and advancement opportunities for all team members.

Technical Skills

- **Proficient:** NodeJs, Javascript (ES6+), HTML5, CSS3, ExpressJs, ReactJs, ReduxJs, Github, Git, Material-UI, Firebase/Firestore, Netlify, PostgreSQL, REST, CRUD, Ajax, Chrome Dev Tools, JQuery, Npm
- **Knowledgeable:** Python3, Flask, Pandas, Numpy, Plotly, ChartsJs, HBS, D3Js, SPSS, Google Analytics, Matplotlib, SAS, Seaborn, Jupyter Notebooks, CheerioJs, Linux Operating Systems, Tableau, Bash, Pip3
- **Familiar:** Voila, Heroku, Mocha, Chai, Travis, GraphQL, Docker, SQL, AWS

Projects

Weather Widget | Sole Software Developer | Demo

A responsive weather application that displays a city's weather temperature, description and other details as well as the date.

- Utilizes the OpenWeather API to access a city's forecast based on user-generated input.
- React hooks employed to handle changes to application state, updating accordingly.

COVID-19 Tracker | Sole Software Developer | Demo

A full virus tracker that shares the most recent results, tests, and deaths for each Illinois county.

- Async/Await logic used to make get request to IDPH administered covid-19 API
- ChartJs used to plot covid-related state and county data on a line and bar graph, respectively.

Viditia | Software Developer | Demo

A web application where users can participate, visualize & interact with data from user generated polls in a fun and clever way

- Collaborated with 3 engineers within an Agile framework to develop a data-visualization polling SPA.
- Collected and secured user info with the click of a button using Google, Facebook, Github, or Twitter Sign-in with Firebase Authentication.
- D3Js used to manipulate dom elements and graph a series of charts (bar, line, tree, pie) based on question type.

Experience

Tutor, Chicago, IL | 04/21 - present

Tutor - Introduction to Web Development

- Familiarizes students with core concepts in web development, including utilizing HTML, CSS and JavaScript, to build responsive websites.
- Introduced students to Development Tools (i.e., Github, Chrome DevTools, IDEs) and demonstrates how to integrate them into workflow.
- Creates weekly curriculum materials for students that covers JavaScript, jQuery, HTML and CSS

Fullstack Academy, Chicago, IL | 08/20 - 02/21

Software Engineer Immersive

- Collaborated to implement front-end and back-end solutions to applications using PERN (PostgreSQL, Express, ReactJs, NodeJs).
- Created user-friendly SPAs utilizing CRUD operations and RESTful routes together with API integration.
- Pair programmed in an Agile Development environment.

ADMT Solutions, San Antonio, TX | 03/20 - 07/20

Data Analyst

- Assisted in quality control analysis to ensure client satisfaction and performance guarantees were met and/or exceeded baseline.
- Created visually impactful dashboards in Excel and Tableau for data reporting by using pivot tables and SQL server queries.
- Used analytics to track and trend the impact of individual and cohort management on health status, cost and efficiency of care processes.
- Presented data and conclusions to the team in order to improve strategies and operations.

Education

Fullstack Academy, Software Engineering Immersive, Chicago, IL | 08/20 - 02/21

Certificate - Software Engineering

- 17 Week full stack JavaScript web development immersive.

Bryant University, Smithfield, RI | 09/17 - 01/19

Masters of Arts - Communications

- Completed 9 of 10 credits towards a MA in Communications
- Utilized SPSS and SAS on research data to perform statistical analysis.

Brown University, Providence, RI | 09/13 - 05/17

Bachelors of Arts - Cognitive Sciences

- Applied SPSS tools to research data to perform statistical analysis and regression.