

Aram Martin

Software Engineer

W: [Portfolio](#) | G: [GitHub](#) | L: [Linkedin](#)

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Objective

Process-driven engineer with more than a year experience implementing Object-Oriented, declarative, and imperative programming solutions. Extensive experience working within an Agile development and integration framework and completing self-directed projects. Has employed PERN (PostgreSQL, ExpressJs, React/Redux, NodeJs) for developing server/client-side solutions for web applications. Seeking either a backend or fullstack role.

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
- **Knowledgeable:** Python3, Flask, Pandas, Numpy, Plotly, ChartsJs, HBS, D3Js, SPSS, Google Analytics, Matplotlib, SAS, Seaborn, Jupyter Notebooks, CheerioJs, Linux Operating Systems, Tableau, Bash
- **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.

- Use of React hooks to store and update any changes to component state.
- Employs OpenWeatherAPI to determine city forecast determined by user query.

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

- User data contained in Firestore database.
- React components contain database queries.
- D3Js used to manipulate dom elements and graph a series of charts (bar, line, tree, pie).

NBA Shot Charts | Sole Software Developer | [Source](#)

Though currently in progress, this application is supported by the nba_api python package and filters data corresponding to user search queries.

- Web APIs created with Flask/Python and CORS middleware configuration to connect to nba_api endpoints.
- React class/functional components contain user queries.
- Data visualization library TBD.

Employment

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) and demonstrates how to integrate them into workflow.
- Aids students in debugging during pair programming workshops

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.
- Utilized Excel, Axxess, and Tableau to launch theoretical claim queries into the system.
- Used analytics to track and trend the impact of individual and cohort management on health status, cost and efficiency of care processes.
- Created, configured and maintained clinical study databases including screen design, edit check design, query management, data extraction/reporting
- Presented data and conclusions to the team in order to improve strategies and operations.

Education

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

Certificate - Software Engineering/Web Development

- 17 Week full stack JavaScript web development immersive.
- Prepared solutions to frontend, backend, and database issues during development phases of projects.

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

Bachelors of Arts - Cognitive Sciences

- Employed computational modeling, brain imaging and methods of experimentation to study mental abilities.
- Applied SPSS tools to research data to perform statistical analysis and regression.