Aram Martin

Software Engineer

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

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Objective

Process-driven engineer with more than a year experience of 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 role in managing databases, creating web APIs, and building and maintaining the structure of applications, or a full-stack role in planning and building scalable solutions to server frameworks and user-facing issues.

Technical Skills

- **Proficient:** NodeJs, Javascript, ES6, HTML5, CSS3, ExpressJs, ReactJs, ReduxJs, Github, Git, Material-UI, Firebase/Firestore, Netlify, PostgreSQL, REST, CRUD, Ajax
- **Knowledgeable:** Python3, Flask, Pandas, Numpy, Plotly, ChartsJs, HBS, D3Js, SPSS, Matplotlib, Seaborn, Jupyter Notebooks, CheerioJs, Linux Operating Systems
- **Familiar:** Voila, Heroku, Mocha, Chai, Travis, GraphQL, Docker

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

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.
- Developed interactive KPI dashboards for qualitative measurements.
- Provided assistance to IT for data integrity.
- Created, configured and maintained clinical study databases including screen design, edit check design, query management, data extraction/reporting

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

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.
- Focused primarily on speech acquisition, perception, cognition, and cognitive neuroscience.
- Areas of study were multidisciplinary, ranging from Cognitive and Linguistic, to Psychological Sciences disciplines.