

Jacob Varner

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Skills, Technologies, & Applications

JavaScript (ES6, jQuery, React, Node.js), HTML, CSS (Sass, SCSS), C#, .NET (Core, Framework), MVC, SQL Server, Database Design, Data Visualization, Leaflet.js, D3.js, Git/GitHub, REST APIs, Bootstrap, Semantic, Visual Studio, VS Code, Azure Data Studio, Excel, Google Sheets, Adobe (XD, Photoshop, Illustrator), macOS, Windows, Project Management, Problem Solving, Presentations, Time Management, Consulting

Work Experience

Full Stack Web Developer

August 2019 - Present

Alliance Transportation Group (Austin, TX)

- Lead the design and development for a transit management project involving multiple states with the application using .NET 5, SQL Server, and Bootstrap in order to complete the initial version in under 6 months with just myself and one other developer part-time.
- Assisted with the completion of a \$1,000,000+ contract where I developed all of the front-end mapping capabilities using Leaflet.js, helped with the back-end dynamic mapping in SQL Server, implemented data caching with browser session storage, and developed several of the front-end dashboard components using D3.js.
- Continuously developed additional features for the internal performance review process and lead the expansion of the application as it became the central hub for information within the company including the development of SVG work process flowcharts and a check-in system to show employee availability.
- Served as an Assistant Project Manager on multiple projects where I handled client communication, submitted invoices and progress reports, and kept projects on track within the budgets and schedules.

Program Manager

August 2013 - July 2019

College of Sciences and Mathematics Outreach (Auburn, AL)

- Oversaw all office technology and program websites including custom development of websites for a local competition and regional championship for BEST Robotics as well as the Southeastern Center of Robotics Education.
- Lead an increasing amount of programs and managed undergraduate students later in my time in the position.

Formal Education

Master of Business Administration

May 2019

Auburn University (Auburn, AL)

Master of Industrial and Systems Engineering

May 2019

Auburn University (Auburn, AL)

Bachelor of Software Engineering

May 2017

Auburn University (Auburn, AL)