David Tait

Full-stack Web Developer
Electrical Engineer

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Technical Strengths

Languages   Javascript | HTML | CSS | SQL | MongoDB | C | C++ | Matlab | VHDL | TCL

Technologies   Git | Node | Express | React | OOP | TDD | Sequelize | Mongoose | GraphQL | FPGA design

Education

The Coding Bootcamp at The University of Utah
Web Development Certificate | Estimated Graduation April 2022

Brigham Young University | Provo, UT
BS Electrical Engineering | 2014–2018

Projects

Resource Library
- A web application using SQL/Sequelize, Express, and other frontend tools
- Lead backend Javascript developer of a group of four
- Github

Weather Forecast
- An OpenWeather API application for fetching and displaying current and future weather data for cities of your choosing
- HTML, CSS, Javascript, jQuery, OpenWeather API
- Github

Employee Organization Chart
- A NodeJs/Inquirer-powered application that takes input about an employees and dynamically creates HTML to represent each employee
- Javascript, NodeJs, Inquirer, Object-Oriented Programming, HTML
- Github

Experience

Northrop Grumman | Roy, UT
Electrical Engineer | August 2020 – Present
- Lead team's daily Scrum stand-up, sprint planning, review, and retrospective
- Coordinated with IPTs to mitigate design conflicts and determine product requirements

Raytheon Missile Systems | Tucson, AZ
Electrical Engineer | July 2018 – July 2020
Senior Technical Intern | May 2017–July 2017
- Developed FPGA design and verification interfaces for the Multi-Purpose Booster Development (MPBD) program in VHDL and TCL
- Created directed tests to verify intended functionality of FPGA systems and interfaces
- Received an achievement award for supporting a program through its Critical Design Review process
- Aided software development team in integrating FPGA and software together