Bilal Minhas

Phone: 07478304740
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JavaScript Developer

Website: www.bilalminhas.com

Languages: JavaScript, Python, C, HTML, CSS, SASS, MATLAB.

Tools: React, Redux, MongoDB, Express, Node JS, Firebase, Linux, WordPress, Trello, Bootstrap, SolidWorks (CAD), Adobe XD.

Professional Experience

Graduate JavaScript Developer - Wren Kitchens   **February 2020 - Present**
Completed the IT Academy - JavaScript, TypeScript, React, Redux, Node and Express. Contributed to the development of a 3D kitchen planner (JavaScript). Worked in an agile team with scrum methodology.

Volunteer Web Designer and Developer - Cancer Support Yorkshire   **December 2019 - Present**
Converted designs into WordPress pages as well as helping with miscellaneous computer tasks.

Portfolio

Personal Projects   **December 2019 - Present**
3D kart racing game (React, JavaScript, ThreeJS, WebGL), Fullstack todo list (Typescript, React, Express, Node), Countdown and stopwatch (React), Fully responsive web pages (HTML, CSS, SASS, JavaScript), Task list with pomodoro timer (React), 2D games (HTML, CSS, JavaScript), Task list (JavaScript), Responsive designs (Sketch and Adobe XD), Markdown previewer (React), Command Line Emailer (Python).

Dissertation on Condition Monitoring - University of Sheffield   **September 2017 - April 2018**
Programmed an Arduino device to collect vibration data from a bicycle. Created programs and functions on MATLAB to analyze the data and diagnose damage on the bike. Produced a 40-page technical report looking at the use of condition monitoring for identifying mechanical damage in bikes.

Education

Faster Data Science Education - Kaggle   **December 2019 - Present**
Python, Intro to Machine Learning, Intermediate Machine Learning, Data Visualisation, Pandas, Feature Engineering, Deep Learning, Intro to SQL, Advanced SQL, Geospatial Analysis, Microchallenges, Machine Learning Explainability.

Full Stack Software Engineer - FreeCodeCamp   **March 2019 - December 2019**
HTML, CSS, JavaScript, Algorithms and Data Structures, Object Oriented Programming, Front End Libraries, React, Node, Express, Sass, BootStrap, NPM, APIs.

Engineering, Technology and Business Management (MSc) - University of Leeds: Merit   **October 2018 - November 2019**
Programming (79%), E-Health and Medical Devices, Electric Power Generation and Distribution, Managing for Innovation, Effective Decision Making, Strategic Management.

Mechanical Engineering (BEng) - University of Sheffield: 2:2   **September 2015 - July 2018**
Mathematics, ThermoDynamics, Computational Numerical Methods, MATLAB, C, Computer Aided Design, Computational Fluid Dynamics, Aero Propulsion, Materials, Manufacturing.