

Bilal Minhas

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PROFILE

Developer with engineering background looking to further programming and web development skills, gain experience and learn new languages.

EDUCATION

2018-19, Free Code Camp, Responsive Web Design Certification (300 hours).

2018-19, University of Leeds, MSc Engineering Technology and Business Management, **Expected Merit**.

Relevant Modules: Programming: 78%.

2015-18, University of Sheffield, BEng Mechanical Engineering, 2:2.

2013-15, Boston Grammar School, A-Levels: Mathematics: A*, Further Mathematics: A, Physics: B, Economics: C.

2011-13, Boston Grammar School, GCSEs: 3 A*s, 7As, 1B (including English and Mathematics).

PROGRAMMING SKILLS

- **Web development** – Proficient in HTML and CSS. Basic knowledge of JavaScript, Sass and Gulp.
- **Programming languages** – Proficient in C and MATLAB.
- **Self-learning and continuous improvement** – Completing courses and projects on Code Academy and Free Code Camp.

TRANSFERABLE SKILLS

- **Problem solving** – Excited by the opportunity to solve increasingly challenging problems.
- **Fast learner** – Eager to increase knowledge and learn new skills.
- **Knowledge and experience of engineering software** – Fluent, LabView, Solidworks, etc.
- **Design skills** – Extensive experience in academic design teams. Good understanding of the design process.
- **Laboratory skills** – Experienced in data collection, data analysis and experimental procedures.

PROJECT EXPERIENCE

September 2017- April 2018, Final Year Project – Dissertation on Condition Monitoring, Sheffield

- 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.

ADDITIONAL EXPERIENCE

October 2018, LUU JobLink (Leeds University Shift Work)

- Shift work comprising of moving furniture; operating an event kiosk; and working as a car park marshal.

ACHIEVEMENTS AND INTERESTS

- Learn HTML, Learn CSS and Learn JavaScript – Code Academy.
- Brazilian Jiu-Jitsu – Competing in Empire Grappling Yorkshire Summer Open.
- Powerlifting – Placed 4th in Titanium Strength Gym Powerlifting Meet 2017.

Links

- **Online portfolio:** <https://bilalm354.github.io/Bilal/>
 - **Freecodecamp:** <https://www.freecodecamp.org/bilalm354>
 - **Github:** <https://github.com/Bilalm354/>
 - **CodePen:** <https://codepen.io/bilal-minhas/>
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