

Khalid Hossain Akash

Studied: BEng Mechanical Engineering (Hons)

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PROFILE

I am a graduate in BEng Mechanical Engineering (Hons) from University of Huddersfield. I am a quick learner and can train and adapt to new situations in quickly. Have a global mind-set, understands and respects cultural differences.

I aspire to work in a role of Executive-Parts Quality, Quality Control at Bangladesh Honda Pvt. My career goal is to gain a role which allows me to further my knowledge and skills, as well as increased responsibility at a market-leading and innovative company like yours. The prospectus of your company seems fascinating to me. It will be an invaluable experience for developing professional skills in today's competitive world and will contribute towards reaching my goal.

EDUCATION AND QUALIFICATION:

BEng (Hons) Mechanical Engineering

University of Huddersfield (September 2013- 2016)

Relevant Modules: Manufacturing Enterprise, Design Analysis, Analysis of Materials, ECO Design and IPR, Mechanical Engineering and Science, Application and Management of CAD/CAM, Manufacturing Technology and Workshop Appreciation, Electro mechanical Systems and Mechanical Design.

Through the module manufacturing enterprise, I have acquired the knowledge regarding

Lean Manufacturing: Lean Tools, 5s, kaizen, Just in Time (JIT)

Production Management, BOM

Result

Final Year

Upper Second (2:1)

Final Year Dissertation: Improving surface topography by abrasive machining (2:1)

The objective of the project was to investigate the changes in surface topography of titanium grade bio tooth implant employing grit blasting and barrelling method.

An industrial presentation was given based on the dissertation.

GCE 'A' Levels

Scholastica, Bangladesh (2010-2012)

Achieved 3 GCE A 'Level grades Physics (B), Mathematics (B), and Chemistry (C)

GCE 'O' levels

Scholastica, Bangladesh (2008-2010)

Achieved 7 GCE O' levels grades A-C including Maths, Physics, and English

Voluntary Work:

Student Representative at British Council Study Fair (2017)

President of Bangladesh International Society of Huddersfield (2015)

The experiences taught me the major ability of teamwork, communication skills, and time management even when working under pressure.

TECHNICAL SKILLS

- Adept in (Microsoft word/ Excel/ Power point)
- Strong communication (with fluency in written/oral English) and interpersonal skills
- Technical Report Writing – Lab Reports
- Data Analysis – Various machine standard Lab works
- Solid works, FEA – Gained the skills from the module, Mechanical Design, and Design Analysis
- Solid CAM – From the module, Application, and Management of CAD/CAM
- CNC Lathe – manufacturing of gear knob
- Welding – workshop appreciation
- ANSYS – Vehicle aerodynamics
- Adams – Vibration analysis of helicopter landing gear
- Edu pack – Sustainable design project
- Material Selection Process – Analysis of Materials
- Push and Pull Strategy, Kanban

Training:

Manufacturing Technology and Workshop Appreciation

- Designed and manufactured of an aluminium and brass gear knob using Alpha Cam, CNC, manual turn lathe, boring and milling machines.
- Understanding the anatomy of diesel engines by stripping of all the parts.
- Faults diagnosis in automobile parts by employing different types of sensor.
- Bending and Torsional test of steel, aluminium, and brass

INTERESTS

Travelling: I find an immense amazement in travelling. This is the best way to discover new things, exploring different cultures, and most importantly to get to know more about people from different parts of the world. I already have travelled several countries stretching North America to Asia, not to mention Europe.

Reading Books: An ardent reader. I like to read to read fiction as well as autobiography. To name a few of my favourite books, for instance, Kim by Rudyard Kipling, Steve Jobs by Walter Issacson, and How to Win Friends and Influence People by Dale Carnegie.

Sports: Cricket (Cricket Tournament Champion, Duncan Brothers Annual Sports, 2012), football, and swimming.

Engineering: IMechE student affiliate membership; member of engineering society of University of Huddersfield

REFERENCES:

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