

CURRICULUM VITAE

MD NASIR UDDIN ROWNAK

House 26/A, Road 27 (Old), Dhanmondi, Dhaka, Bangladesh.
Mobile: +8801776750927, E-mail: m.n.u.rownak@se13.qmul.ac.uk



EDUCATION AND QUALIFICATIONS

09/2013 – 06/2016: B.Eng Mechanical Engineering
Graduated with 2:1 (Upper Second Class) Honours (CGPA 3.67 out of 4)
Queen Mary University of London, London, UK

06/2010 – 06/2012: CIE A-Levels: Physics (A), Mathematics (B) & Chemistry (C)
Oxford International School, Dhaka, Bangladesh

PROJECTS AT UNIVERSITY:

- Performed a literature review on the design of ducted turbines for low hydrostatic head dam.
- Designed a gear box for pumping four types of liquids at different rates and wrote a feasibility report
- Devised a business model for launching a new product in the market including producing a prototype
- Made a control system to control a four degree of freedom robot and submitted a report
- Solved a problem for an oilfield services company, Schlumberger, by selecting the material for stator of a mud motor

WORK EXPERIENCE:

02/2017-Present: Process Engineer at Proteeti Tool room and Technology, Dhaka, Bangladesh.

- Responsible for designing and then machining the mold and other parts.
- Instruct operators to setup the work piece for multi axis machining.
- Minimize the manufacturing time using different strategies to machine different parts and
- Find ways of safe tool-path planning and optimization to avoid the collision of the cutter and the mold.
- Assure the quality of molds and parts by visiting the manufacturing site after the completion of each step of production.
- Supervise the installation of rotary trunnion tables and set the parameters in machine.
- Assist maintenance engineer in repairing CNC Milling machines

11/2016-02/2017: Junior Design Engineer at Proteeti Tool room and Technology, Dhaka, Bangladesh.

- Designed molds by reverse engineering of products.
- Reduced weight of products by designing according to the customer's specifications.
- Analysed product designs to detect any potential manufacturing problems.
- Assisted my line manager in company visits and helped with pricing of quotations.
- Received training on MasterCAM and CNC Machines from Haas Automation, Inc.
- Worked alongside the manufacturing team to oversee the manufacturing process and check for any unexpected manufacturing problem.

07/2015 - 04/2016: Mechanic Assistant at Mr Clutch, Leyton, London, UK

- Responsibilities included identifying problems and following a repair checklist to solve the problem, test driving the car afterwards and communicating with customers effectively
- Gained a wide range of skill and experience including how to change the wheels, the car injection plugs, the front disc brakes, the rear disc brake pads, the air filter, and the headlights

06/2011 - 09/2013: Physics Teaching Assistant at Oxford International School, Dhaka, Bangladesh

- Responsibilities included collaborating with teaching staff to create lesson plans, teaching the students using innovative techniques and giving constructive feedback to students and their parents
- Under my supervision, 12 students achieved A* and 7 achieved A grade in O levels out of 30 students

OTHER EXPERIENCE:

12/2013 – 06/2015: Event Manager of Bangladesh Society at Queen Mary University of London

My job was to organize various cultural and social events.

- Responsibilities included organizing cultural and social events, mediating between the committee and members as well as recruiting new members
- Performed all the assigned tasks within a fixed time frame, which included producing detailed proposals for events, finding and booking suitable venues and selling tickets
- Gave various presentations to the committee as well as in “fresher’s fair” before events
- Delegated work amongst group members, taking into consideration the strengths and weaknesses of each person and ensured that the work was successfully completed on time

02/2011 - Present: Co-Founder of a non-profit organization, Protishruti, Dhaka, Bangladesh

- Responsibilities included finding sponsors to fund various campaigns, coordinating events and working in the field during the campaigns

6/2012 - 07/2013: Team Leader of a non-profit organization, Jaago Foundation, Dhaka, Bangladesh

- Responsibilities included communicating with my supervisors and the members, providing appropriate training and monitoring the contribution of my team members

ADDITIONAL SKILLS

Language

- English, Bengali and Deutsch: Proficient in Speaking, Reading and Writing
- Hindi and Urdu: Proficient in Speaking

Technical Skills

➤ Abaqus	➤ AutoCAD	➤ ANSYS	➤ CREO
➤ JD Paint	➤ Master CAM	➤ MAT lab	➤ Microsoft Office
➤ NX	➤ Proteus	➤ Solidwork	➤ Star CCM+

Interests

I have a particular interest in motorsport and I like to stay up to date with the latest scientific discoveries. I like to find out how things work. I enjoy building scale model cars and planes. I also enjoy taking part in summer projects such as building custom computers from basic components.

REFERENCE

Mr Raza Shah
Queen Mary university Of London
London, E1 4NS
E-mail: raza.shah@qmul.ac.uk
Contact: [+44 \(0\)20 7882 6663](tel:+442078826663)

Dr Adrian Briggs
Queen Mary university Of London
London, E1 4NS
E-mail: a.briggs@qmul.ac.uk
Tel: [+44 \(0\)20 7882 8876](tel:+442078828876)