Noor Al Din Ahmed

Electrical Design Engineer

Self-motivated, ethical and an experience seeker.

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EDUCATION

Bachelor of Science in Electrical and Electronic Engineering
North South University

01/2013 – 04/2018   CGPA 3.07 out of 4

A Levels
Maple Leaf International School

06/2011 – 06/2012   GPA 2.5 out of 5

O levels
Siddiqui's International School

06/2008 – 01/2009   GPA 3.44 out of 5

WORK EXPERIENCE

Co-Founder
Genie IoT

12/2017 – Present

Provider of IoT based Home Automation services with Bengali voice assistance.

Achievements/Tasks

- Hardware design from scratch.
- Solved an inconvenience of similar products in the market.
- Writing and upgrading the firmware in C++.
- Building a prototype backend server to implement IoT.
- Preparing Powerpoint slides for Pitch Decks and other events.

Freelance Graphic Designer
Fanrock

07/2014 – 03/2018

E-commerce company for apparel, jewelry, education, mobile apps, gaming and other.

Achievements/Tasks

- Template creation.
- Batch processing.
- Wrote javascripts for Adobe Photoshop and Illustrator to automate the batch process.

ORGANIZATIONS

IEEE Membership (03/2016 – 12/2017)
Student Member

IEEE Women in Engineering Membership (01/2017 – 12/2017)
Student Member

IEEE Robotics and Automation Society Membership (01/2017 – 12/2017)
Student Member

SKILLS

PCB Designing · Schematic Designing · Soldering · Circuit Simulations · Altium Designer · Proteus · Computer Networking · C++ · Python · Solidworks · Adobe Photoshop · Adobe Illustrator · MS Office

PERSONAL PROJECTS

Converting an electrical ride-able toy car into a Smart phone controlled remote car. (09/2018 – Present)

IoT implemented Home Automation System (05/2017 – Present)

DIY Google Home using Raspberry Pi (2018)

Line Follower Robots (2016)

Self Balancing Robot (2017)

CERTIFICATES

Robotics 101 Mentors Crest (2017)
Took a workshop as a Mentor on the basics of Arduino.

ACHIEVEMENTS

Top 6 finalist in Banglalink IT Incubator 2.0 (03/2018)
Joint initiative of Banglalink and Bangladesh Hi-tech Park Authority (BHTPA).

Champion in Power Buzz- Project Showcase and Poster Presentation. (02/2018)
Organized by IEEE North South University Student Branch, Power and Energy Society.

1st Runner up in Capstone Innovation Challenge (12/2017)
Final year project showcase powered by GrameenPhone Accelerator.

LANGUAGES

Bengali
Native or Bilingual Proficiency

English
Full Professional Proficiency

INTERESTS

Guitar Playing · Singing · Composing Music · Graphics Designing · Reading Blogs · Workout · Programming · Web Development