



MD AL AMIN ASHIK

www.alaminn.com | alamin.ashik@northsouth.edu
Bashundhara R/A, Dhaka | +880 1849472106



EDUCATION

- **North South University (NSU)** 2019 - Present
Undergraduate student in Electrical and Electronic department (EEE)
CGPA 3.83 out of 4.0
- **Hurdco International School** 2014 - 2019
Studied from class 7 to Alevels, Cambridge Curriculum
Advanced Level (Alevel) 1A* 2A, Ordinary Level (Olevel) 2A* 4A 1B
- **Banani Bidyaniketan School** 2009 - 2014
Studied from class 3 to class 7, Bangla Medium, GPA 5.0 out of 5.0



EXPERIENCES

- **North South University** 8/2023 - Present
Research Assistantship
 - Prepared hardware projects, simulations and manuscripts
 - Mentored undergraduate research students and recent graduates and distribute project task
 - Prepared articles, reports, short video tutorials, and presentations
- **North South University** 9/2022 - 6/2023
Undergraduate Teaching Assistant
 - Taught Undergrad level physics courses, specially electromagnetism course
 - Instructed students at analog electronics courses.
 - Assisted faculties regarding different educational works
- **IEEE - INSB** 6/2021 - 1/2023
Website developer
 - Designed and built the 'about' section at <https://ieeensusb.org>
 - Administered whole website at <http://spac22.ieeensusb.org/>



ON-GOING RESEARCH

- Finite Element modelling of metal-semiconductor junction 6/2022 - Present
- LabView based AQI system 7/2022 - Present
- Studying load dependence problem in PTL based MUX & DeMUX 7/2023 - Present
- Analysis of Noise in Electronic devices 3/2024 - Present



TECHNICAL SKILLS

<u>PRODUCTIVITY</u>	<u>CIRCUITRY</u>	<u>PROGRAMMING</u>	<u>GRAPHICAL</u>
MS/GOOGLE WORD, EXCEL, POWERPOINT	FRITZING KICAD PROTEUS LOGISIM NI MULTISIM COMSOL MULTIPHYSICS	ARDUINO IDE NI LABVIEW MATLAB	ADOBE ILLUSTRATOR SKETCHUP AUTOCAD

Hardware

- Worked with different electronic devices for over 5 years, especially microcontrollers, transistors, MOSFET, optocouplers, and relay-based switching circuits accompanied by other electronics.
- www.instructables.com/member/alaminaashik



CERTIFICATIONS

- Appreciation for conducting Workshop On Wordpress by IEEE NSU IAS SBC 2024
- Shining star of INSB, Website development team 2021
- Guest of Honour Crest, Hurdco Science Fair 2019 2019
- Daily Star award medal for O & Alevel Result 2017, 2019
- Cambridge O & Alevel High Achiever, Hurdco International School 2017, 2019
- Winner at Scholastica Inter-School Olympiad in informatics 2018
- Participation certificates for various Science fair and Olympiads 2016-2019
- Certificate for completion of Android Controlled Robot, Techshopbd 2016
- Crest for getting GPA 5.00 in PSC examination 2011



PORTFOLIO

- www.alaminn.com/
- www.instructables.com/member/alaminashik/
- www.behance.net/alaminashik