Aaphsaarah Rahman

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EDUCATION:

MS in Biostatistics and Data Science   **Sept 2019 – Aug 2020**
Weill Cornell Medicine of Cornell University, NY, USA
Specializing in R, Python, biostatistics

B.Sc in Electrical and Electronic Engineering   **Jan 2013 – Apr 2017**
North South University, Dhaka, Bangladesh
Major: EEE (Electrical and Electronic Engineering)
CGPA: 3.43/4.00
Selected courses: Data Communications and Computer Networks, Mobile and Wireless Communication System, Communication Electronics, Introduction to VLSI Design, Verilog HDL: Modeling, Simulation and Synthesis.

Scholastica (PG- A' level)   **Aug 1996- Jul 2012**
Conducted under Cambridge International Examination (CIE)
A' levels: 4 subjects with A* in mathematics   **2012**
O' levels: 6 subjects with A* in mathematics   **2010**

PROFESSIONAL EXPERIENCE:

Science Teacher   **Nov 2018 – Aug 2019**
Sir John Wilson School, Dhaka, Bangladesh
- Science teacher of class 6-7

Junior Math faculty   **Jan 2018 – Aug 2018**
Bangladesh Digital Education Research Limited, Dhaka, Bangladesh
- Part-time Junior faculty at Bangladesh Digital Education (BDEducation)
- Residing as content writer and curriculum developer

Intern   **Oct 2017-Jan 2018**
Grameenphone, Dhaka, Bangladesh
- Intern of Business and Research Analyst team under Business Intelligence department
- Performed in-depth secondary research in ISP Industry and formed a report upon it
- Collected data (features) about from the popular apps regarding what information they collect from customers and then did comparative analysis on local and international app
- Performed a case study of video entertainment app industry (youtube, Iflix, Bioscope, etc) compared each app on different features and made a business model on how to improve bioscope further from the rest

SKILLS:

- Arduino knowledge
- PIC Microcontroller Programming language
- C/ C++ Programming language
- Python programming language
- Hardware Knowledge.
- Proteus software, PCB design
- Mathlab
- MS Excel, Word, PowerPoint

PUBLICATION:

Rahman, A. et al., 2017, 'A Novel Braille Pad with Dual Text-to-Braille and Braille-to-Text capabilities with an integrated LCD Display', IEEE Xplore,

CONFERENCE/WORKSHOP PARTICIPATION AND PAPER:

Presented a paper titled "A Novel Braille Pad with Dual Text-to-Braille and Braille-to-Text capabilities with an integrated LCD Display" in 2017 International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICICT), Kerala, India, held on **6th -7th July 2017.**

AWARDS/ACHIEVEMENTS:

- Statement of Accomplishment, on completing online courses on " Intro to Python for data science"," Intermediate Python for Data Science Course", "Python Data Science Toolbox (Part 1) Course" from Data Camp website. **Nov 2017**
- Completed Top-up IT Training, conducted by Ernst & Young LLP, India under Leveraging ICT for Growth, Employment and Governance (LICT) Project of Bangladesh Computer Council (BCC), ICT Division, People's Republic of Bangladesh on Web Development under NASSCOM IT-ITES Sector Skill Council (SSC) Certification, in **Jan 2017**
- Received Best paper award on conference paper- "A Novel Braille Pad with Dual Text-to-Braille and Braille-to-Text capabilities with an integrated LCD Display" paper published in IEEE Xplore, **July 2017**
- 100% Financial Aid Recipient for studying BS. EEE at North South University **Jan 2014- April 2017**
- Received Art and Practice of Leadership certificate (APL-8 graduate) from Bangladesh Youth Leadership Centre (BYLC), **2015**
- Received Daily Star Award in A' levels **(2012)**
- Attained Bronze and Silver Standard of the International Award for Young People, Duke of Edinburgh, in **2011, 2013** respectively
- Received Science Fair Certificate of participation, **2010, 2011**

EXTRACURRICULAR ACTIVITIES/VOLUNTEERING WORKS:

Member of NSU tuition committee, **2017**
Finalist of YLP, Youth Leadership Prize, BYLC**, 2016**
INSB Member-(IEEE North South University Student Branch), **2016**
Home tutored for 3-years, **2013-2016**
Green Leaf Youth Association, a daylong fundraising event for children, **2013**
Jaago, raised fund for children, **2013**
Human Aid Foundation, raised fund for tree plantation and blind children**,2013**