

Md. Hasanur Rahman

SOFTWARE ENGINEER · SAMSUNG R&D INSTITUTE, BANGLADESH

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SUMMARY

I am a first-year graduate and currently working at Samsung R&D Institute, Bangladesh for 1 year and 4 months. In my undergraduate career, I used to solve programming problems and logical puzzles a lot. I was also inclined to build different types of projects and used to participate in Hackathons. Nowadays, I am involved to build new modules in my current workplace.

WORK EXPERIENCE

Software Engineer

Samsung Research Institute, Bangladesh

May. 2019 - Present

- I am involved in several modules of my iOS project. One of the major contributions is to develop Affiliation module, which is similar to facebook messenger's group Mute feature. SIP protocol is used to communicate data with server. SHA1 hash function is used for encryption purpose.

EDUCATION

B.Sc. in Computer Science and Engineering

Bangladesh University of Engineering and Technology (BUET)

Feb. 2015 - Apr. 2019

- CGPA: 3.22/4.00.
Contracted chicken-pox contributed to average grades initially but made significant progress in last two years.

UNDERGRAD THESIS

Topic: Reducing time complexity of finding Minimum Spanning Tree

- Worked under Professor Dr. M. Kaykobad
- Detected an insight in Yao's algorithm that contribute to reduction in number of components by at least factor three at each step.

SKILLS

- **Language:** C++, Java, Python, Swift, Objective-C
- **WebDev:** HTML, JavaScript
- **Others:** Linux, Git

PROJECTS

- Disease prediction BOT for Hackathon Sep. 18
- E-commerce Android app Oct. 17
- Computer vision projects Sep. 20
- Movie Recommender system with Collaborative Filtering May. 20

CERTIFICATES

- Neural Networks and Deep Learning, Coursera
- Hyperparameter tuning, Regularization and Optimization, Coursera
- Convolutional Neural Networks, Coursera
- Text Retrieval and Search Engines, Coursera
- Structuring Machine Learning Projects, Coursera

Assignments
Assignments
Assignments
Assignments

EXTRACURRICULAR ACTIVITY

- 2nd runner up, Tadhack Hackathon (Robi)
- Expert in Codeforces
- Participation in national programming bootcamp
- Ranked around 50 in several intra-university, NCPC, ICPC preliminary contests
- Several Medium writings

Profile

Profile