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
  Last two years CGPA: 3.48/4.00

UNDERGRAD THESIS

Topic: Reducing time complexity of finding Minimum Spanning Tree

- Worked under Professor Dr. M. Kaykobad
- Exploited an insight in Yao's algorithm that contribute to components' reduction 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 *Assignments*
- Hyperparameter tuning, Regularization and Optimization, Coursera *Assignments*
- Convolutional Neural Networks, Coursera *Assignments*
- Text Retrieval and Search Engines, Coursera *Assignments*
- Structuring Machine Learning Projects, Coursera

EXTRACURRICULAR ACTIVITY

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