

Shah Newaj Rabbi Shishir

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Career Objectives

Thrillingly looking for a career in a creative organization where I can implement my ability of problem solving as well as increase my skill of software and web development process.

Education

2015 to Present	B.Sc Engineering in Computer Science and Engineering from City University, Bangladesh (CGPA : 3.01)
Passed 2014	HSC in Science from Shaheed Police Smrity College (GPA : 5.00)
Passed 2012	SSC in Science from Monipur High School (GPA : 4.81)

Skills

C/C++, Python (Basic), Java(Basic), HTML, CSS, Javascript (Basic), MySQL.

Competitive Programming Experiences

Onsite Programming Competitions

- | | |
|---------------------------------------|--|
| ▪ Ranked 15 th out of 50 | UITS Inter Private University Programming Contest 2019 |
| • Ranked 8 th out of 49 | IUB Inwed TechFest 2019 |
| ▪ Ranked 59 th out of 161 | SUST Tech Fest SIUPC 2019 |
| ▪ Ranked 51 st out of 95 | BUP IUPC 2019 |
| ▪ Ranked 59 th out of 111 | BUET CSE Fest 2019 IUPC |
| ▪ Ranked 191 st out of 298 | ACM ICPC Asia Dhaka Regional Site 2018 |
| ▪ Ranked 16 th out of 39 | 1st AUB IUPC 2018 |
| ▪ Ranked 144 th out of 150 | ACM ICPC Asia Dhaka Regional Site 2017 |

Online Programming Competitions

- | | | |
|--------------|---------------------------------|---------------------|
| ▪ Codeforces | shahshishir.09 | Solved: 350+ |
| ▪ UVA | Shah Shishir | Solved: 200+ |
| ▪ Toph | shahshishir.09 | Solved: 200+ |
| ▪ URI | Shah Newaj Rabbi Shishir | Solved: 200+ |
- Also solved in LightOJ, Devskill, Codechef, SPOJ, Hackerrank, Hackerearth, Projecteular, A2OJ etc problem solving sites. Solved **1000+** programming problems in total.

Participations and Achievements

- ❖ Attended a Research Study on **How Computer Programmers Work** organized by Cornell University, University of California San Diego and Innovations for Poverty Action, Bangladesh in 2018.
- ❖ Attended **8th Dhaka South Regional Undergraduate Math Olympiad 2016**.
- ❖ Achieved 2nd position in **City University CSE Fest Math Olympiad 2017**.

- ❖ Attended in a workshop titled as **Workshop On Programming Contest**, a 2-days long workshop event related to programming contest and competitive programming, held at University of Dhaka.

Academic Projects

- ❖ Developed a standalone dictionary app using Java Swing (**Github**).
- ❖ **Gonit-Guru** : A mini mathematics website that includes algebra, trigonometry, geometry, number theory etc. It includes skill test and hints after each mathematical problem (**Github**).

Personal Pet Projects

- ❖ **PyShop** : A simple web front-end project made with Django web framework (**Github**).
- ❖ **Digital Tasbih** : A web project which can count prayers, works like a digital tasbih, in Bengali. Created by HTML, CSS and Vanilla Javascript (**Github**).

Final Year Project

- ❖ **Text Messaging Encoding by Cryptography**
 - This project emphasizes to develop a chat application by Socket.IO with a NodeJS server and performs text messaging encryption and decryption by cryptographic approach (Proposed).

Notable Experiences

- ❖ City University Programming Club (CUPC) - **Former Programming Mentor**
- ❖ **Problem setter** in
 - **Easy Coding Contest 19** and **Easy Coding Contest 20** on DevSkill.
 - **SCB-PA Inter School and College Programming Contest 2018 Mock 1** on Toph.
 - **City University Junior Programming Contest Summer 2017** on Hackerrank.
 - Several online junior practice programming contests on Vjudge.
- ❖ **Organiser, Problem setter** and **Judge** in **14th City University Intra University Programming Contest Spring 2019** on Toph.