**Shah Newaj Rabbi Shishir**

* [shahshishir.09@gmail.com](mailto:shahshishir.09@gmail.com)  +8801745857564 /[**Shah-Shishir**](https://github.com/Shah-Shishir/)

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

**Online Programming Competitions**

* Codeforces[**shahshishir.09**](https://codeforces.com/profile/shahshishir.09) **Solved: 350+**
* UVa[**Shah Shishir**](https://uhunt.onlinejudge.org/id/823671) **Solved: 200+**
* Toph[**shahshishir.09**](https://toph.co/u/shahshishir.09) **Solved: 200+**
* URI[**Shah Newaj Rabbi Shishir**](http://lightoj.com/volume_userstat.php?user_id=35502)  **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](https://github.com/Shah-Shishir/Standalone-Projects/blob/master/Dictionary-20181210T183934Z-001.zip)**).
* **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](https://github.com/Shah-Shishir/Gonit-Guru)**).

**Page 1 of 2**

**Personal Pet Projects \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* **PyShop** : A simple web front-end project made with Django web framework (**[Github](https://github.com/Shah-Shishir/PyShop)**).
* **Digital Tasbih** : A web project which can count prayer, works like a digital tasbih, in Bengali. Created by HTML, CSS and Vanilla Javascript (**[Github](https://github.com/Shah-Shishir/Digital-Tasbih)**).

**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**](https://www.devskill.com/ContestArchive/ContestDetail/47da7949-a6da-c0f5-2874-08d5b9c7de81) and [**Easy Coding Contest 20**](https://www.devskill.com/ContestArchive/ContestDetail/b6708a38-e069-cba6-3fe2-08d5c58eb9da) on [**DevSkill**](https://www.devskill.com/Home).
* [**SCB-PA Inter School and College Programming Contest 2018 Mock 1**](https://toph.co/c/scb-pa-iscpc-2018-mock-1) on [**Toph**](https://toph.co/).
* [**City University Junior Programming Contest Summer 2017**](https://www.hackerrank.com/cityujunprogconsum2017) on [**Hackerrank**](https://www.hackerrank.com/dashboard?h_r=logo).
* Several online junior practice programming contests on [**Vjudge**](https://vjudge.net).
* **Organiser**, **Problem setter** and **Judge** in [**14th City University Intra University Programming Contest Spring 2019**](https://toph.co/c/CityU_IntraUniversityProgrammingContest_Spring2019_Junior) on [**Toph**](https://toph.co/).

**Page 2 of 2**