

## Shah Newaj Rabbi Shishir

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🌐/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>B.Sc Engineering in Computer Science and Engineering</b> from City University, Bangladesh (CGPA : 3.01)
Passed 2014	<b>HSC in Science</b> from Shaheed Police Smrity College (GPA : 5.00)
Passed 2012	<b>SSC in Science</b> 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 8<sup>th</sup> out of 49 IUB Inwed TechFest 2019
- Ranked 59<sup>th</sup> out of 161 SUST Tech Fest SIUPC 2019
- Ranked 51<sup>st</sup> out of 95 BUP IUPC 2019
- Ranked 59<sup>th</sup> out of 111 BUET CSE Fest 2019 IUPC
- Ranked 191<sup>st</sup> out of 298 ACM ICPC Asia Dhaka Regional Site 2018
- Ranked 16<sup>th</sup> out of 39 1st AUB IUPC 2018
- Ranked 144<sup>th</sup> out of 150 ACM ICPC Asia Dhaka Regional Site 2017

#### Online Programming Competitions

- Codeforces **shahshishir.09** **Solved: 330+**
- UVa **Shah Shishir** **Solved: 210+**
- Toph **shahshishir.09** **Solved: 180+**
- LightOJ **Shah Newaj Rabbi Shishir** **Solved: 40+**
- Also solved in URI, 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 **8<sup>th</sup> Dhaka South Regional Undergraduate Math Olympiad 2016**.
- ❖ Achieved 2<sup>nd</sup> 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 (<http://bit.ly/2ZPTbEE>).
- ❖ Developed a mini mathematics website that includes algebra, trigonometry, geometry, number theory etc. (<http://bit.ly/2KEEL6B>)

## Academic Thesis

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- ❖ **Text Messaging Encoding by Bitcoin Public Key based on Elliptic Curve Cryptography**
  - This paper plots an efficient calculation with some tools to make the message transfer system more secured and optimized with the help of Cryptosystem. (Processing).

## Notable Experiences

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- ❖ 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.