

## Shah Newaj Rabbi Shishir

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### Career Objectives

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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

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

### Skills

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

### Competitive Programming Experiences

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#### Onsite Programming Competitions

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| ▪ Ranked 15 <sup>th</sup> out of 50   | UITS Inter Private University Programming Contest 2019 |
| • 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

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

### Participations and Achievements

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- ❖ 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

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- ❖ 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

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- ❖ **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**).
- ❖ **Item Lister** : A simple web interface built with HTML, Bootstrap and Vanilla Javascript that can add, remove and search items in a list (**Github**).

#### Final Year Project

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- ❖ **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

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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.

#### References

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1. **Md. Tanvir Ahmed**  
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