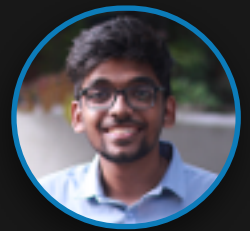


Tapan Basak

CS Graduate | SUST

Curious, solution-oriented and collaborative computer science engineer who likes to learn everyday.



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☎ 01785882400

in Tapanbasak12

🐙 Tapanbasak12

EDUCATION

BSc in Computer Science and Engineering.

Shahjalal University of Science and Technology, Sylhet.

CGPA: 3.46/4.00

Jan 2016 - March 2020

O and A Levels

Tulip International School and College, Dinajpur.

GPA: 5.00 /5.00

2013 and 2015

EXPERIENCE

Teaching Assistant

Mar 2020 - Aug 2020

Department of CSE, SUST

- Assist in Introduction to **Computer Security** Lab.
- Mentor **30+ students** and evaluate assignments.

Research Assistant

June 2019 - Feb 2020

Shahjalal University Security and Blockchain Lab

- Conduct **research** on blockchain and security.
- Work **under supervision** and in **collaboration** with other teams.

HONORS & AWARDS

Best Research Poster

6th **International Conference** on Networking, Systems and Security (**NSysS**), 2019.

Runners-up

Digital Khichuri Challenge (**DKC**) **National Hackathon** on digital safety and security, 2019.

2nd Runners-up (State-level)

Bangladesh **Mathematical Olympiad**, BdMO, 2009 and 2010.

9th Place (National-level)

Bangladesh **Physics Olympiad**, BdPhO, 2013.

PROBLEM SOLVING

HackerRank

@tapanbasak12

- Solved **300+** Problems
- Rated **5 stars**.
- Problem Solving **Certificate** (Basic).

Codeforces

@taz27

- Solved **100+** Problems

PROJECTS

HealthLedger (Undergraduate Thesis)

- A **blockchain** and **IPFS** based solution to store and share personal **health data** from smart devices in a secure and decentralized manner.

Tools: HyperLedger Fabric, IPFS, Android.

Meeter

- A **social network** that notifies users when friends are nearby encouraging people to meet in person.

Tools: Android, Firebase.

Shomalocho

- A website that **suggests movies** using machine learning models trained on IMDB movie-database to classify movie genres based on their plot summaries.

Tools: Laravel, PHP, MySQL.

Sack Race

- A two-dimensional **endless runner game** with variable moving obstacles designed using custom assets and animation.

Tools: Unity, C#.

SKILLS

- **OS:** Windows, Linux.
- **Programming Languages:**
C++, Java, Python, JavaScript, Shell Scripting.
- **Frameworks/Tools:**
Hyperledger Fabric, Node.js, Android, Git, Laravel.
- **Databases:**
MySQL, Firebase.

CO-CURRICULARS

Vice President

RIM Musical Club, SUST

- Organize **10+** musical concerts in campus.
- Deal with multiple clients and manage sponsorships.

Team Lead

SUST Techfest Hackathon organizing team

- Lead and manage a team of **20+ people** in organizing a national hackathon.