

MD. HAFIZUR RAHMAN ARFIN

Programmer and Researcher

@ arfin97@gmail.com

+880-01716080436

in /in/hrarfin/

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EXPERIENCE

Programming Tutor and Teaching Assistant

Daffodil International University

Dec 2017 – Aug 2019 Dhanmondi, Dhaka

- Assisted in teaching Algorithms, Programming and Problem Solving and Object Oriented Programming and AI course.
- Took classes on different programming paradigms for freshers.

Press Secretary and Student Advisor

DIU Computer and Programming Club

Jan 2018 – Jan 2019 Dhanmondi, Dhaka

- Lead and managed the Press Division which consisted of over 10 people. Responsibilities included digital marketing, event promotion, official emailing, blog management etc.

Problem Setter

DIU Takeoff Programming Contest

Oct 2018 – Aug 2019 Dhanmondi, Dhaka

- Set problems for three consecutive contests, From Fall 2018 to Summer 2019.

TECHNICAL SKILLS

- Programming Skills:** C, C++, Python, JAVA, PHP (Vanilla).
- Web Programming Technologies:** HTML, CSS, JavaScript, Django.
- Database management:** Firebase, PostGresSQL, MySQL.
- Mobile Platform:** Android Development.
- Version Control:** Git, GitHub.
- Office Tools:** Word, Powerpoint, Google Docs (Docs, Sheets, Slides).
- Machine Learning:** Pandas, Numpy, Tensorflow.
- Other:** LaTeX, Markdown.

OTHER SKILLS

- Languages:** English (fluent), Bangla (native).
- Writing:** Experienced in writing technical articles in English and Bangla.

ACHIEVEMENTS AND AWARDS

- Solved more than 900+ problems in various online judges.
- Participated in ICPC 2018 Dhaka Regional onsite contest.
- Participated in BUBT- BAPS Programming Camp 2016.
- Achieved 1st position in Daffodil International University Intersection Contest 2016.
- Achieved 8th position in Daffodil International University Take Off contest.

EDUCATION

Bachelor in Computer Science and Engineering (B.Sc in C.S.E)

Daffodil International University

Fall, 2019 Dhaka

- CGPA: 3.93 (On scale of 4.00)

PROBLEM SOLVING

- StopStalk Profile: [arfin97](#)
- UVa Solved: 184
- Codeforces: 572
- HackerRank: 119
- Others: 50+

PROJECTS

Blue Division Programming Practice Arena

- Centralized programming practice system for DIU ACM Solvers.
- Django, PostGres, HTML, CSS, JS.

Programmer's Assistant

- An Android app to track personal progress.
- Java, OOP, Firebase.

Dream Hospital Manager

- A hospital management software with three different user system.
- OOP, Java, Sqlite.

Snake and Ladder Game

- A digital version of popular the board game.
- OOP, Java.

PUBLICATIONS

- PataNET: A Convolutional Neural Networks to Identify Plant from Leaf Images on 10th INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES(Jul 10, 2019)

REFERENCES

- Dr. Syed Akhter Hossain, Professor and Head, CSE, Daffodil International University, Email : aktarhossain@daffodilvarsity.edu.bd,