



SUBROTO KARMOKAR

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GitHub:

<https://github.com/SK-Subroto/>

EDUCATION

Daffodil International University

B.S. in Software Engineering

GPA: 3.97 out of 4.00 (graduate- 23, Nov 2020)

SKILLS

LANGUAGES

Python • Java • JavaScript • Node.js • C • C++ • SQL • HTML, CSS • XML/JSON

TECHNOLOGIES

Django • React • JQuery • Firebase • Linux Command • GIT • MSSQL, MYSQL, SQLITE • Android

CONCEPTS

Object-oriented programming • Functional programming • Model view template • Machine Learning • Deep Neural Network • Convolutional Neural Network • Trello

AWARDS

- **4th position: SWE Intra_dept_programming contest [Fall 2018]**
- **1st position: project fair [Fall 2019]**
- **3rd position: Foundation Day project fair [Spring 2020]**

COMMUNICATIONS

English - Speaking, Reading, Writing, Listening

Bengali - Speaking, Reading, Writing, Listening

Hindi - Speaking, Listening

SUBROTO KARMOKAR

SOFTWARE ENGINEER

EXPERIENCE

(Fall 2016 – Summer 2020)

DAFFODIL INTERNATIONAL UNIVERSITY

Volunteer and communication

- Volunteer and communication experience with Korean team.
- Volunteer (sessions management) at 2nd International Conference on 'Cyber Security & Computer Science-2020'
- Participated Coronathon-19 'A hackathon on combating coronavirus'.

Undergraduate Researcher

- Adversarial defense framework against deep neural network(working)

Memberships

- Membership with ISACA DIU and work with cyber security.

PROBLEM SOLVING & PROJECTS

PROJECTS

Hospital Management – Java OOP

TravelBD android application – Java & Android studio

Parent Portal – Python, Django

- For Daffodil International School.

Pre-Registration System – Python, Django

- For Daffodil International University Dept. Of Software Engineering.

http://swe.application.daffodilvarsity.edu.bd/pre_registration/
(Live)

Facebook & WhatsApp Clone – ReactJs, Firebase

- Facebook-Clone - <https://facebook-clone-aa47d.web.app/>
- WhatsApp-Clone - <https://whats-app-clone-ebc69.web.app/>

Probashi Kollan – Python, Django

- For Bangladeshi Immigrant

PROBLEM SOLVING

- Vjudge--- <https://vjudge.net/user/subroto35>
- URI Online Judge--- <https://www.urionlinejudge.com.br/judge/en/profile/160097>
- Code Forces--- <https://codeforces.com/submissions/subroto35>

ADDITIONAL PROFESSIONAL TRAINING

- Introduction to Cyber Security –DIU ISACA Student Group
- Baseline: Data, ML, AI -Qwiklabs
- Mobile Forensic –Cyber Security Centre, DIU
- Neural Network and Deep Learning - DeepLearning.AI(Coursera)
- Convolutional Neural Networks -DeepLearning.AI(Coursera)