Sakil Mallick

Boromoshagoria, Rasulpur, Bardhaman - 713151

+919635445531 | sakilmallick094@gmail.com

Education

- **Jadavpur University, Kolkata**   2019
  Bachelor of Computer Science and Engineering
  8.0 CGPA

- **Rasulpur B.M. High School, Rasulpur, Bardhaman**   2015
  Higher Secondary (10+2)
  95.6%

- **Rasulpur B.M. High School, Rasulpur, Bardhaman**   2013
  Secondary (10th)
  94.71%

Skills

- C, C++, Java, Python

Academic Projects

- **Designing Energy Efficient Strategies Using Markov Decision Process for Crowd-Sensing Applications (Publication)**
  Formulate strategies applying Markov Decision Process (MDP) by which a smart handheld would crowd-sense while keeping the device active for a longer period of time. The strategies found by solving MDP formulation are implemented for a smartphone application for crowd-sensed indoor localization. (Springer, February 2020)

- **A Framework for Mobile Crowd Sensing and Computing based Systems (Publication)**
  Implemented framework using 4 smart handheld devices for a route-finding application using BLE (Bluetooth Low Energy). The results obtained can be received both online and offline (using human participation). (IEEE, May 2019)

Professional Experience

- **Samsung R&D Institute - Bangalore**   20/06/2019 - Present
  Engineer 1, Network Framework
  - Involved in software development projects for 4G-LTE networks with HQ, South Korea
  - Worked on multiple testing and debugging projects of 4G-LTE architecture.
  - Solve live network issues daily with minimum TAT.
  - Working on algorithm enhancement of MAC scheduler and resource coordinator.

Achievements & Awards

- Secured 18th rank in 10th board exam (West Bengal)
- Secured 13th rank in 12th board exam (West Bengal)
- Secured 245th rank out of 10000 participants in HackerRank RookieRank 2016
- Secured 468th Global Rank in CodeChef August Cook-Off 2017

Interests

- Football, Photography, Movies