Poulami Sarkar

Developer and Researcher
Student

PERSONAL DETAILS

Birth	Januay 10, 1998
Address	L n T Southcity, C3 1801, Bannerghatta Road, Bangalore - 560076
Phone	(+91) 9902800717
Mail	poulamisarkar101@gmail.com
Github	https://github.com/Poulami-Sarkar
LinkedIn	www.linkedin.com/in/poulami-sarkar
Nationality	Indian

EDUCATION

Computer Science, Bachelor 2016-ongoing
PES, Institute of Technology, Bangalore
CGPA:8.38

High School 2014-2016
AECS Maaruti Magnolia Public School
92.6%

Primary and Secondary Education 2004-2014
Delhi Public School Bangalore South
CGPA:10

WORK EXPERIENCE

Hyperloop India: https://hyperloopindia.in/ May 2017 - August 2017

Software Engineer

Worked as a software engineer and developed the pod UI for the Hyperloop India team that competed in the Hyperloop pod competition organised by SpaceX.

Inbe Paisool: https://www.inbe.com April 2018-on going

Intern

Working to develop a pricing engine and recommendation system for online services in Kirana stores using NLTK, scikit-learn, numpy

RESEARCH PUBLICATIONS

Theoretical Validation Of Potential Habitability Via Data Analytic And Boosted Tree Methods 2018

S Saha, S Basak, M Safonova, K Bora, S Agrawal, Poulami Sarkar, J Murthy

Astronomy and computing Vol:23

https://www.sciencedirect.com/science/article/pii/S2213133717301105

Model Visualization in Understanding Rapid Growth of a Journal in an Emerging Area 2018

S Saha, Poulami Sarkar, A Mathur, S Basak

Journal of Scientometric Res.

2018; 7(1):48-53

https://www.jscires.org/article/232

Evolutionary Trends in the Collaborative Review Process of a Large Software System 2019

12 Innovations in Software Engineering Conference, 2019 Pune India

Subhajit Datta, Poulami Sarkar

EVENTS

IEEE Symposium on Drone Computing October 6 2017

Drone Swarms for Disaster Management

Aniruddha K Mysore, Kushal Naidu, Poulami Sarkar

Poster Presentation This project was aimed at developing drone swarm technology, which would enable mobile mesh networks to be setup rapidly, in the event of a disaster which destroys other communication channels.

PESU Datathon 2018 April 21 2018

Poulami Sarkar,Aniruddha K Mysore

Won 2nd Place in PESU Datathon

inGenius 2018 PESU Electronic City Campus November 3 2018

Mentor

Volunteered as a mentor in the hackathon, inGenius 2018

IEEE 7th International Conference on Cloud Computing in Emerging Markets 2018 November 23-24 2018

Drone Network for Disaster Management

Poulami Sarkar,Aniruddha K Mysore

Student Proof of Concept This project was aimed at developing drone swarm technology, which would enable mobile mesh networks to be setup rapidly, in the event of a disaster which destroys other communication channels.

COURSES

1st year 2016

Engineering Chemistry, Mathematics, Programming in C and Data Structures, Computer Aided Engineering Drawing, Basic Electronics, Environmental Studies,Engineering Physics, Mathematics, Basic Electrical Engineering,Elements of Civil Engineering and Mechanics, Elements of Mechanical Engineering

2st year 2017

Mathematics, Analog and Digital Electronics, Computer Organization,Discrete Mathematical Structures, Data Structures,Unix and Shell Programming, Software Engineering,Design and Analysis of Algorithm, , Data Communications,Object Oriented Concepts, Mathematics,Microcontrollers and Microprocessors

3st year 2018

Database Management System, Computer Networks, Software Testing, Automata Theory and Computability, Management and Entrepreneurship, Embedded Systems

Linear Algebra 2016

https://ocw.mit.edu/courses/mathematics/18-06-linear-algebra-spring-2010/

Online course on linear algrbra(MITOCW) - Prof Gilbert Strang

Machine Learning 2016-2017

https://www.coursera.org/learn/machine-learning/

Online course on Machine Learning by Stanford University: Prof Andrew NG

SKILLS

Programming Languages	Python
	R
	C,C++
	Web Development : HTML , CSS , JavaScript
Software Skills	Machine Learning ,Data Analytic
	Python developer Full stack web development
Languages	English
	Bengali
	French

HOBBIES

Artist, Karate, Swimming

REFERENCE

Will be provided on demand.