Amartya Chakraborty

Enthusiastic learner looking to join academics
UGC NET qualified

D.O.B: 3rd October, 1994
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Online CV: click here

Work Experience

- **Techno India University**
Kolkata, India
Technical Assistant
August 2018 - present

- **Jadavpur Vidyapith**
Kolkata, India
Computer Faculty
March, 2018 to August, 2018

Education

- **Jadavpur University**
Kolkata, India
Master of Technology in Computer Science and Engineering
2020
Specialization - Computer Technology
DGPA

- **West Bengal University of Technology (now MAKAUT)**
Durgapur, India
Bachelor of Technology in Computer Science and Engineering
2017
Dr. B.C. Roy Engineering College
DGPA - 8.22

- **Higher Secondary**
Durgapur, India
West Bengal Council of Higher Secondary Education (WBCHSE)
2013
Bidhan Chandra Institution, Durgapur
Percentage - 73.6

- **Indian Certificate of Secondary Education (ICSE)**
Durgapur, India
Council for the Indian School Certificate Examinations (CISCE)
2011
St. Xaviers' School, Durgapur
Percentage - 87

Project / Thesis

- **Title**: *"Low-cost Wearable Sensor System for Human Walk Activity Recognition"*
2020
Supervisor: Dr. Nandini Mukherjee, Professor, Department of CSE, JU
Institution: Jadavpur University, Kolkata

- **Title**: *"Human activity recognition system using low cost sensors"*
2017
Supervisors: Prof. Arindam Ghosh, BCREC & Dr. Sujoy Saha, NITDGP
Institutions: Dr. B.C. Roy Engineering College & National Institute of Technology, Durgapur

Internship

- **Title**: *"Modelling and Design of Human Activity Recognition System using
Low-cost Sensors"*
2017
Project: *"Post Disaster Situation Analysis and Resource Management using Delay-Tolerant
Peer-to-Peer Wireless Networks"* (DISARM)
Funded by: Media Lab Asia/Information Technology Research Academy (ITRA),
MCIT, Govt. of India
Supervisor: Dr. Sujoy Saha, Professor, Department of CSE, NITDGP
Institution: National Institute of Technology, Durgapur

Publications

- Ghosh, A., Chakraborty, A., Chakraborty, D., Saha, M., & Saha, S.,
2020
**"HumanSense: a framework for collective human activity identification using
heterogeneous sensor grid in multi-inhabitant smart environments"**
Personal and Ubiquitous Computing, Springer
DOI: doi.org/10.1007/s00779-020-01402-6

- Ghosh, A., Chakraborty, A., Chakraborty, D., Saha, M., & Saha, S.,   *2019*
  "UltraSense: A non-intrusive approach for human activity identification using heterogeneous ultrasonic sensor grid for smart home environment"
  Journal of Ambient Intelligence and Humanized Computing, pp.1-22.,Springer
  DOI: doi.org/10.1007/s12652-019-01260-y

- Chakraborty, A., Karmakar, S., Chattaraj, S.,   *2019*
  "Machine learning based Indian spam recognition"
  TIU Transactions on Intelligent Computing (TIUTIC), pp. 10-16, Volume - 3
  DOI: doi.org/10.13140/RG.2.2.13055.84640

- Ghosh, A., Sanyal, A., Chakraborty, A., Sharma, P.K., Saha, M., Nandi, S. and Saha, S.,   *2017*
  "On Automatizing Recognition of Multiple Human Activities using Ultrasonic Sensor Grid", *9th International Conference on COMmunication Systems and NETworkS (COMSNETS), Bangalore*
  DOI: doi.org/10.1109/COMSNETS.2017.7945440

Additional Qualifications

- Common European Frame of Reference (CEFR) Level C1   *March, 2020*
  in English Proficiency, certified by British Council
- UGC NET qualified for Assistant Professor   *December, 2019*
- B.Music in Hawaiian Guitar (Rabindra Sangeet)   *2017*

Presentations / Achievements

- Invited Speaker at Live Session on "Online Safety and Security"   *August, 2020*
  organized by Jadavpur Vidyapith IT Department NSQF
- Invited speaker at All - India Seminar organized by The Institution of Engineers   *April, 2017*
- Paper presented at 9th International Conference on   *January, 2017*
  COMmunication Systems and NETworkS (COMSNETS)

Declaration

I hereby attest that all information furnished here is true to the best of my knowledge