PAYEL BHATTACHARJEE

Ph.D. Candidate in the Department of Electrical and Computer Engineering
The University of Arizona

@ payelb@arizona.edu ✉ Tucson, Arizona, USA

EDUCATION

Ph.D. in Electrical and Computer Engineering
The University of Arizona

📅 August, 2022 – present   📍 Tucson, Arizona, USA

G.P.A: 4.00 (On a scale of 4.0)

Bachelor of Technology in Electronics & Telecommunication Engineering
Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar, Odisha, India

📅 July 2017 – May, 2021   📍 Bhubaneswar, Odisha, India

C.G.P.A: 9.43 (On a scale of 10)

WORK EXPERIENCE

Graduate Research Assistant
University of Arizona

📅 August, 2022 – present   📍 Tucson, USA

Ph.D. Advisor: Dr. Ravi Tandon

Graduate Teaching Assistant
University of Arizona

📅 August, 2022 – May, 2023   📍 Tucson, USA

GTA for the course ECE372

Associate Software Engineer
Bosch Global Software Technologies (BGSW)

📅 July, 2021 – June, 2022   📍 Coimbatore, Tamilnadu, India

Project Intern
Robert Bosch Engineering and Business Solutions PVT LTD. (RBEI)

📅 March, 2021 – June, 2021   📍 Coimbatore, Tamilnadu, India

TRAININGS

Winter Training
Topic : Embedded and Robotics Basics

📅 January, 2019   📍 R.C.P.L India

Summer Training
Topic : Embedded and IoT Training with hands on Experience on Cypress Semiconductor Board, Embed and Microchip board with Introduction to LoRa Communication

📅 May, 2019 - June, 2019   📍 Eduvance, India

AWARDS

People's Choice Award
Electrical and Computer Engineering 2024 Graduate Poster Symposium

📅 March, 2024 📍 Tucson, Arizona, USA

KIIT Merit Scholarship
KIIT University

📅 December, 2017 📍 Bhubaneswar, Odisha, India

PUBLICATIONS

Conference Paper

- P. Bhattacharjee, S.P Kar, N.K Rout, *Sleep and Sedentary Behavior Analysis from Physiological Signals with Machine Learning,* , IEEE Xplore Digital Library, April 2020

Journal Paper

- P. Bhattacharjee, R. Garain, A. Basak, U.P. Singh, *Numerical Modeling and Performance Evaluation of SnS Based Heterojunction Solar Cell with p+ SnS BSF Layer,* , (Manuscript submitted for review)