RIVUKANTA BHATTACHARYA

Personal Data

Place and Date of Birth:	Katwa, West Bengal, India | 07 December 1997
Address:	NIT Warangal, Telengana, India
Phone:	+91 8116018036
email:	brivukanta@student.nitw.ac.in
Github:	https://github.com/brivu7972
Linkedin:	https://www.linkedin.com/in/rivukanta-b-7b6242104/

Education

Ongoing 4th year B.Tech in Electronics and Communication Engineering
National Institute of Technology, Warangal, India
Cgpa: 8.07/10

May 2015   Higher Secondary Degree in Science
Ramakrishna Mission Vidyalaya, Narendrapur, Kolkata
West Bengal Council of Higher Secondary Education(WBCHSE)
Percentage: 97.2/100

June 2013   Secondary Degree
Ramakrishna Mission Vidyalaya, Narendrapur, Kolkata
West Bengal Board of Secondary Education(WBBSE)
Percentage: 94.6/100

Work Experience

May-Jul 2018 | Intern at Ittiam Systems Pvt. Ltd.
Worked on a project titled '**Face recognition : Benchmarking and Dataset collection**' based on Image processing using computer vision and deep learning techniques.

Project Works

May-Jul 2018 | Face recognition : Benchmarking and Dataset collection
This deep learning based project has two parts. The first one is benchmarking of different face recognition softwares and methods based on the accuracy and time consumption with number of classes and number of images in a class being variable. The other part is the collection of labelled face recognition datasets from the internet.

Mar-Apr 2017 | Cyclic Redundancy Checker
Cyclic redundancy check is a error detecting and correcting process often used in data transitions from storage devices such as hard drives or pendrives etc. The corresponding VHDL code is simulated and implemented on Spartan3E board.
https://github.com/brivu7972/Cyclic-Redundancy-Checker-Generator

Dec 2016 | Line follower
A line follower is successfully built using arduino uno and various sensors (infrared, ultrasonic) which can follow any given path of same colour.

Nov 2016 | To measure Li-ion cell capacity with Arduino
Using Arduino Uno microcontroller and useful circuitry with a Li-ion battery, the available charge in it and how much time it needs to get completely discharged is found out and the results are printed in a LCD display.

Relevant courses

Ongoing   Microwave Engineering (EC402)

Completed   Pulse Circuits (EC301)
            Linear Integrated Circuits and Applications (EC303)
            Electronic Devices and Circuits (EC201 and EC251)
            Signals and Systems (EC204)
            Network Analysis (EE236)
            Digital System Design (EC203 and EC253)
            Computer Architecture and Organization (EC305)

Academic Achievements

- AIR 1645 in JEE Mains (2015), State rank 605 in WBJEE (2015)

- Mamraj Agarwal Rastriya Puraskar and felicitation from Government of West Bengal for securing 5th rank in state in Higher Secondary Examination (2015)

- Certificate from IAPT for having been placed among the top 10% in National Standard Examination in Physics (NSEP 2014-15) from our school

- Certificate from IAPT for having been placed among the top 10% in National Standard Examination in Chemistry (NSEC 2014-15) from our school

Positions of responsibility

- Additional secretary at ECE Association(2018-19)

- Joint secretary at ECE Association(2017-18)

- Executive member at ECE Association(2016-17)

Languages

English :   Fluent
Bengali :   Mothertongue
Hindi :   Basic Knowledge

Skills and Abilities

Basic Knowledge: OpenCV, ANSYS, Cadence Virtuoso, HTML, LaTeX
Intermediate Knowledge: C++, MS Office, Cadence Pspice, Eclipse CDT, Arduino, Vivado

Interests and Activities

- Open-source technology enthusiast

- Play football and table-tennis

- Fond of travelling and nature photography and like to sketch in leisure times

Declaration

I do hereby declare that all the above-mentioned details are true to my knowledge.

Rivukanta Bhattacharya