Ankit Kumar Wagadre

Roll No. 130108026

B.Tech - Electronics and Electrical Engineering

Minor in Computer Science and Engineering

Department of Electronics and Electrical Engineering

Indian Institute of Technology Guwahati

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Degree	Institute	CGPA	Year
B.Tech – EEE	Indian Institute of Technology Guwahati	7.89	*2013-2017*
Senior Secondary	Star H. S. School, Indore	77.8 %	*2012*
Secondary	Kendriya Vidyalaya No. 2, Itarsi	8.8	*2010*

EXPERIENCES

Google Summer of Code – 2015 project KDE org.   *MAY '15-AUGUST'15*

 Mentor: Alexander Semke(alexander.semke@web.de)

 The aim of the project was to make a curve digitizing tool for LapPlot to provide manual or fast automatic curve digitization mode which provides and saves configurable data format from any axis system to a spreadsheet. Worked in QT creator and, used Affine transformation and Fuzzy logic algorithm for mapping and edge detection*.*

PROJECTS

 Two Tanks Game – Unity 5   *DEC-JAN'16*

The aim was to create two player 3D-game of battle tanks by using Unity3d game engine. For windows platforms, used JavaScript and Unity 5.

 8085 **Game Simulation**   *OCT'14-NOV'14*

 Dr. H.B.Nemade , Indian Institute of Technology, Guwahati

Design and Fabrication of 8x8 Led Matrix Display and Simulation of Bowling Game using 8085 Microprocessor.

ACHIEVEMENTS

- Among the top 4% out of 0.15 million candidates in JEE(Advance) – 2013.
- Recipient of institute's McM (Merit cum Means) Scholarship for year 2014.

TECHNICAL PROFICIENCY

- Programming Language – C, C++ and Python(Basic)
- Simulation Language - MATLAB
- Hardware Description Language - Verilog HDL
- Assembly Language Prog. - Intel 8085, ARM.

RELEVANT COURSES

EEE Departmental Courses	CSE Minor Courses	Mathematics Courses
• Pattern recognition and Machine Learning*	• Computer Systems*	• Probability & Random Variable
• Digital Circuits and Microprocessor	• Data Structure and Algorithm	• Linear Algebra and multivariable calculus

- Digital Signal Processing
- Signal System and Networks
- Principal of Communication

- Discrete Mathematics and Finite Automata Theory
- Digital Circuits and Computer Architecture

*To be completed by April'16

POSITIONS OF RESPONSIBILITY

Peer Mentor   *2015-2016*
Student Welfare Board, IIT Guwahati

Mentoring first year students regarding academics, extra-curricular activities and overall development as part institute's mentorship program.

EXTRA CURRICULARS

- Secured 3rd position in mime in inter-hostel cultural event, Manthan' 14.
- Team secured 1st position in standup comedy in inter-hostel cultural event, Manthan' 14
- Secured 3rd position in Chess in District level Inter School Sports competition.
- Open Source enthusiast and an active contributor to KDE community.
- Represented the hostel in various robotics competitions during inter hostel technical event Kriti'14.
- Interested in drawing, Table-Tennis and exploring new places.