

MALHAR CHAUDHARI

5706 Darlington Road Apt 2 Pittsburgh, PA 15217 • mschauth@andrew.cmu.edu • (412)499-5804 • www.linkedin.com/in/malhar

EDUCATION

- Carnegie Mellon University** Pittsburgh, PA
Master of Science in Electrical & Computer Engineering Dec 2017
- University of Mumbai** Mumbai, India
Bachelor of Engineering in Electronics Engineering May 2015
CGPA: 4.00/4.00 Class Rank: 5

WORK EXPERIENCE

- Accenture Services Pvt. Ltd.** Navi Mumbai, India
Associate Software Engineer Aug 2015-Jul 2016
- Received Award of Excellence for 1st position in Business Intelligence & Data Analytics Training Track
 - Developed Java utilities in tableau that reduced time taken for documentation procedure by 99%
 - Created high impact & interactive visualizations based on Enterprise Data Warehouse for a Consumer & Goods Company to help them improve production efficiency.
 - Led Knowledge Sharing sessions for project members on Tableau tool to help pace up the track
- In5Minutes** Mumbai, India
Lead for Application Dev & IT Infrastructure Team May 2015-Aug 2016
- Consulted as an advisor (part time) on the IT Infrastructure and Applications Development team to plan and build a robust and industry compliant secure educational video web platform within 1 month
 - Planned and executed the social media marketing strategy with external partners which helped reach more than 1000 people within the first week of application launch
- L&T Infotech Ltd** Mumbai, India
Summer Intern Jun 2012-Jul 2012
- Learnt the functioning of a typical IT project in Energy & Process Business Unit - Quality Assurance Dept.

PROJECTS

- An innovative approach to Location Based Services & Traffic Management System** Spring 2015
University of Mumbai, Final Year Project Mumbai, India
- Built RF beacons based navigation system that featured auto routing from source to destination, real time location display & preloaded offline maps with focus on closed spaces
- Kindle for Blind** Spring 2014
National Semi Finalist at Texas Instrument Analog Design Contest India
- Designed an unique light weight, low power Braille e-book reader with audio navigation interface as a part of the national level of Texas Instruments India Analog Design Contest
- Designing an Autonomous Unmanned Aerial Vehicle (Quadrotor)** Spring 2013
University of Mumbai, Additional Credit Work Mumbai, India
- Built an Autonomous UAV for Industrial Applications a part of University of Mumbai, Department of Lifelong Learning & Extension
- Design of a 16 Bit Processor** Fall 2013
Independent Project at VLSI Module by Asst. Prof Hardik Shah Mumbai, India
- Designed Front End of a 5 stage pipelined processor with 47 instruction set with hazard management
- Autonomous Robots** Fall 2012 & 2013
National Semi-Finalist at E-Yantra Competition by IIT Bombay India
- Developed application specific autonomous robots that could identify & move objects in shortest time

PUBLICATIONS & CONFERENCE PRESENTATIONS

- Presented a paper on "Adaptation of Industrial Oriented Project of DLLE" at International Conference on Extension Education & Rural Communities (by Mumbai University, Department of Life Long Learning) in April 2013 (ISBN No.: 978-93-83072-08-8)
- National level technical paper presentation on **Embedded Application in Wearable Healthcare Systems** at DJ Pulse organized by DJ Sanghvi College of Engineering in February 2013

SKILLS & CERTIFICATES

- Applications:** Proteus, OrCAD PSpice, Eagle, Xilinx ISE, MATLAB, Tableau, Teradata, DreamWeaver
Programming Languages: C/C++, Java, Python, HTML, CSS, Verilog, VHDL, SQL, R
Languages: English (Fluent), Hindi (Native)
Courses & Certifications: Introduction to Computer Science & Programming 6.00x - edX, Intro to Computational Finance & Econometrics - **University of Washington** on Coursera, Circuits & Electronics 6.002x - MITx (Grade A)

LEADERSHIP POSITIONS

- Secretary General**, Maharashtra United Nations Youth Association (Official NGO of the UN) Aug 2011-Aug 2016
Educational Scientist and Member of Core Committee at TechShiksha Pvt. Ltd. Jan 2012-Jan 2014
Junior Editor and Student Coordinator at IEEE VESIT Chapter May 2012-May 2013