

ADITHI WAIKAR

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EDUCATION

Masters in Electrical Engineering (Systems and Controls)	May 2017
University of Cincinnati, Cincinnati, OH	GPA 3.75/4
Bachelor of Engineering (B.E), Electrical and Electronics Engineering	June 2016
Dayananda Sagar College of Engineering, Bangalore, India (<i>First Class with Distinction</i>)	GPA 3.6/4

WORK AND RESEARCH EXPERIENCE

Intern - Bharat Heavy Electricals Limited (BHEL), Bangalore, India	
Design and construction of PVCs, SCADA, Semiconductors and Control equipment	June-Aug 2015
Research Associate - Energy Research Institute – Nanyang Technological University (ERI@N), Singapore	
“Sustainable Building Technology” – Design, Simulation and Analysis of circuits which established DC as a primary power supply in commercial buildings	July 2014

KEY ACADEMIC PROJECTS

- **“AUTOMATION & TESTING OF PRIMARY ACTUATOR CARD”** Programmed in LabVIEW to minimize the end user interaction and human Error-Executed in Bharat Electronics Limited, India **Jan 2016 – May 2016**
- **HEAVENET:** Futuristic smart helmet with virtual assistance and display designed as a safety device for long distance bikers. Funded by Dept. of Science & Technology, Govt. of India. **Aug 2015 – March 2016**
- **DRIVER DROWSINESS DETECTOR:** A system designed to detect brainwaves inside a human in order to define the mental state of the body. Funded by Dept. of Science & Tech, Govt. of India **Oct 2014-May 2015**

SOFTWARE SKILLS

Software: MATLAB Simulation, C, C++, Solid Edge and Isometric Projections, AutoCAD, LabVIEW, MS Project, MS Office

AWARDS AND CERTIFICATIONS

- Awarded University Graduate Scholarship from University of Cincinnati **2016**
- Bachelor’s project ranked amongst top 3 B.E projects in Electrical Engineering Department **2016**
- Served as Technical Committee Head of Innovation and Entrepreneurship Development Centre **2014-2016**
- Awarded project grant of INR. 200,000 from Dept. of Science and Tech, Government of India **2015**
- Certified Professional in Project Planning Management (PPM) and Microsoft Project (MSP) **2014**
- Certified Professional in AutoCAD – Electrical **2014**
- Foreign Language Student of A1 Level German (*Distinction*) at the GOETHE INSTITUTE **2012**

CONFERENCE

Technical paper titled “Driver Drowsiness Detector” at the National Conference – Role of Innovative Engineering Solutions for Medical Sciences, RIESMS, India **2015**

INTERESTS

- Social Work: Conducted workshops in Orphanage’s on hygiene, nobility and tutored them in basic sciences:
 - Nele Vasudha Orphanage, Bangalore, India
 - Desire Society, Bangalore, India
- Organizational skills:
 - Managed events on ISA conference (International Society of Automation) iACT -2015
 - Managed events on Entrepreneurship Day (EDAY) as a Technical Head
- Successfully completed a 5K marathon “RUN TIME” by Parivartan
- Member of AID -Association for India’s Development group of Ohio Chapter
- State level Swimming Champion, State level Table Tennis Champion
- Represented the university in cultural Dance Festival of India