

Ajin Sunny

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OBJECTIVE: Seeking a full-time engineering position in the field of Aerospace Engineering.

EDUCATION

University of Kentucky, Lexington, KY Fall 2012 –Expected Graduation May 2017
B.S., Electrical Engineering GPA: 3.4/4.0
minor in Computer Science and Mathematics

RELEVANT COURSEWORK

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|-------------------------------|--------------------------------|---------------------|
| ♦ Signals and Systems | ♦ Computer Design Architecture | ♦ Electro mechanics |
| ♦ Electrical Circuit Analysis | ♦ Differential Calculus | ♦ Electromagnetics |
| ♦ Semiconductor Devices | ♦ Programming in C++ | ♦ Quantum Computing |
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PROFESSIONAL EXPERIENCE

University of Kentucky American Institute of Aeronautics and Astronautics Fall 2016
Vice President

- Organization of campus events and communication with student officers for effective campus events.
- Recruited student members and interest groups for AIAA Design Build and Fly competition.

i-Trek Research Program Cambridge, MA

i-Trek Researcher at Massachusetts Institute of Technology Fall 2015 – Summer 2016

- Performed an additional research on an existing Undergraduate Thesis by an MIT graduate student from MIT chemical engineering department.
- Research was focused on harnessing maximum power from the by products produced by Anaerobic Digestion.

CMTA consulting engineers, Lexington, KY Fall 2015 – Spring 2016

Electrical Engineering Intern

- Designed Electrical wirings and building plans under the direct supervision of LEED accredited professional engineers
- Acquired management skills and prioritization of tasks based on the company deadlines.
- Gained expertise Autodesk Revit and AutoCAD MEP for designing electrical systems.

University of Kentucky Solar Car Team, Lexington, KY

Electrical Team Member Fall 2013 – Summer 2015

- Voltage and current calculations to determine optimum power output for maximum efficiency of the solar car.
- Assembled and circuited onboard electrical components for the solar car along with some stand-alone projects to improve specifications of the car.
- Researched on Tritium Wave sculptor motor inverter to provide assistance to the team.

University of Kentucky IEEE Student Branch, Lexington, KY

Secretary Spring 2013 – Fall 2014

- Responsibilities include organizing Engineering related events on campus.
- Competed in the IEEE Hardware Competition, IEEE Extreme competition 7.0 and 8.0

SCHOLARSHIPS & AWARDS

<i>University of Kentucky Dean's List,</i>	2012 - 2013
<i>Academic Excellence Scholarship,</i>	2013 – 2014

Foreign Languages: Hindi, Malayalam.

