ADI RAMACHANDRAN
OLIN COLLEGE OF ENGINEERING, '23

EDUCATION

OLIN COLLEGE OF ENGINEERING • MAY '23
Bachelor of Science, Electrical and Computer Engineering **(ECE)**
Recipient of 50% Olin Tuition Merit Scholarship
Relevant courses – *Software Design, Quantitative Engineering Analysis*

EXPERIENCE

LV BATTERY LEAD • OLIN ELECTRIC MOTORSPORTS • CURRENT (4 MO)
- Configuring a custom low voltage battery pack for low voltage electrical system of Formula SAE car
- Designing battery management PCB for automated monitoring, overcharging prevention, and cell balancing

SOFTWARE RESEARCH • OLIN SPATIAL COMPUTING LAB • CURRENT (2 MO)
- Working to develop custom computer vision algorithms to achieve marker-less object detection of 3D CAD-geometries, to be used in augmented reality applications
- Developing with Magic Leap AR headset – building off of OpenCV libraries in C++ deploying AR code w/ JavaScript

CO-FOUNDER/DEVELOPER • EARLY EDTECH STARTUP • CURRENT (6 MO)
- Startup mission is to enable project-based learning at scale, for universities to modernize engineering curriculum.
- Deployed early concept in an Indian University in January!!
- Fellowship recipients for Olin's entrepreneurship incubator, **Catalyst**; currently conducting further market research

DATA SCIENCE INTERN • UNIVERSITY OF ILLINOIS • SUMMER '19 (2 MO)
- Built a machine learning pipeline with Java & Python to increase accuracy of time series data classification

SKILLS

MERN Stack – MongoDB, Express, **React.js**, Node.js
Python; C/C++; Java
HTML/CSS; Matlab; Fusion;
PCB Design

AWARDS

White House Science Fair;
Conrad Spirit of Innovation Challenge Semi-Finalist;
Siemens Science Competition Semi-Finalist;

Check out my blog!
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