Shileen Upadhyay

http://shileen.me
shileen@outlook.com | 779.512.2400

EDUCATION

MANIPAL UNIVERSITY
B.Tech in Electronics and Communication Engineering
Expected May 2017
Manipal Institute of Technology
Cum. GPA: 7.69 / 10.0

PARAMOUNT INTL. SCHOOL
Grad. May 2013 | Delhi, India

LINKS

Github:// **shileen**
LinkedIn://**shileenu**

COURSEWORK

UNDERGRADUATE
Computer Vision
Machine Learning
Circuit Theory and Design
Signal Processing
Control Engineering

SKILLS

PROGRAMMING
Fluent:
Shell • Matlab • Python • LaTeX
Familiar:
C • C++ • CSS • PHP • Assembly
MySQL • Java • MySQL • Django
Aquainted:
JavaScript • JQuery • Android • C#

EXPERIENCE

PRIMETALS TECHNOLOGIES | Automation Engineering Intern
July - 2016 | Kolkata, West Bengal
- Worked on a Ladle Tracking software.
- Designed a Computer Vision system to detect hotspot in steel ladles.
- Designed a standalone system in Python capable of running in a larger ecosystem and interfacing with existing automation softwares.

RESEARCH

MANIPAL INSTITUTE OF TECHNOLOGY | Academic Research Project
Oct 2015 – Present | Manipal, Karnataka
Worked under **Dr. Ujjwal Verma** to analyze current **Human Action Detection** algorithms and improve their accuracy.

TRAINING

TEXAS INSTRUMENTS - CENTER FOR EMBEDDED PRODUCT DESIGN | Embedded Product Design Training
Jun 2015 – Jul-2015 | New Delhi, Delhi
Received training under **Prof. Dhananjay V. Gadre** on designing embedded products.

PAPERS

Local	Mouse Pointer Control using Computer Vision	Best Paper
Locall	Mouse Pointer Control using Computer Vision	Presented
Local	Implementation of 64-bit FFT algorithm using VHDL	Presented

WORKSHOPS

IIT-Hyderabad	Augumented Reality Workshop
MIT, Manipal	Windows App Development
MIT, Manipal	Computer Vision Application using RaspberryPi

CLUBS AND FESTS

2016	Coordinator	Revels'16- Proshow and Stage Control
2015	Organizer	Revels'15- Proshow and Stage Control
2014	Volunteer	Revels'14- Proshow and Stage Control
2015	Event-Head	TechTatva'15- Acumen
2014	Organizer	TechTatva'15- Acumen
2014-15	Managing Committee Member	Indian Society for Technical Education