

Prashant Arya

Electronics and Communications Undergraduate

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Academic Record

B.Tech (ECE)	2019	Jaypee University of Information Technology, Solan	74%
12 th	2015	Seth M.R. Jaipuria School, Lucknow	88.75%
10 th	2013	Seth M.R. Jaipuria School, Lucknow	88.8%

Positions of Responsibility

Vice Chairperson, ACM Chapter, JUIT	Jan 2018 – July 2018
Electronics Team Head, ACM Chapter, JUIT	Jan 2017 – Jan 2018
Campus Ambassador of GeeksforGeeks	Jan 2016 – June 2017
Campus Ambassador of I-Medita	Jan 2016 – July 2016

Projects

IoT based Smart Assistant Robot

Description	<ul style="list-style-type: none">Developed a wheeled bot with live video feed, medicine reminder and voice commands that can be controlled wirelessly on a local server.Built frontend using HTML, CSS, Bootstrap, Ajax and Jinja and backend using Flask (Python) and Python.
Achievements	<ul style="list-style-type: none">The bot worked successfully with live video feeds and voice commands.

Telepresence Bot

Description	<ul style="list-style-type: none">Developed a wheeled bot with 2 way video chat that can be controlled wirelessly on a local server.Built frontend using HTML, CSS, Bootstrap, Ajax and Jinja and backend using Flask (Python).
Achievements	<ul style="list-style-type: none">4th Position in JUIT Hackathon.

Soil Analyzer

Description	<ul style="list-style-type: none">Built a prototype that tells what we can grow in a soil sample and the climate of the place.Built frontend using HTML, CSS, Bootstrap, Ajax and Jinja and backend using Flask (Python).Built using Raspberry Pi and Arduino and also optimised the project for Intel Edison.
Achievements	<ul style="list-style-type: none">Successfully gave output of the list of crops which are fit to grow in a soil sample.

Technical Skills

- Programming & Scripting** – Python, C, C++, Java, MySQL, Jinja, HTML, CSS, Bootstrap, Javascript, Ajax, JQuery, Embedded C.
- Frameworks** – Flask, Selenium, Macromedia Flash, Adobe Photoshop, Adobe After Effects, Adobe Illustrator, Sony Vegas Pro, Matlab, Xilinx, Pspice, Orcad. Arduino IDE.
- Development Boards** – Arduino Uno, Arduino Mega, Intel Edison, Raspberry Pi
- Operating Systems** – Windows, Raspbian.

Extra-Curricular Achievements

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| • 2 nd in Spotlight Event - ECE at Cognizance 2016 by IIT Roorkee. | 2016 |
| • 2 nd in Startup Protothon 17 organized by H.P. Centre Entrepreneurship Development (HPCED). | 2017 |
| • 4 th in JUIT Hackathon organized by ACM JUIT. | 2017 |

Internships

- 6 weeks Summer Internship (2017) at A-Set Training and Research Institute.
- 6 weeks Summer Internship (2018) at Reliance Jio Infotech.

Online Certifications

- 11 weeks Machine Learning course by Stanford University on Coursera by Andrew Ng.