

# Prashant Arya

Programmer Analyst Trainee at Cognizant Technology Solutions

Electronics and Communication Graduate

LinkedIn - [@prashant-arya](#) Github.io - [Website](#)

## Academic Record

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

## Positions of Responsibility

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

## Projects

### IoT based Smart Assistant Robot

Description	<ul style="list-style-type: none"><li>Developed a moving bot with live video feed capability, medicine reminder and home automation all using voice commands that can be controlled wirelessly from a mobile device.</li><li>The movement of the bot can be controlled from a web GUI.</li><li>Built frontend using HTML, CSS, Bootstrap, JQuery, Ajax and Jinja.</li><li>Build backend using Flask, a python web framework and Python.</li></ul>
Achievements	<ul style="list-style-type: none"><li>The bot worked successfully with live video feed and voice commands.</li></ul>

### Telepresence Bot

Description	<ul style="list-style-type: none"><li>Developed a moving bot with live feed capability that can be controlled wirelessly from a mobile device.</li><li>The movement of the bot can be controlled from a web GUI.</li><li>Built frontend using HTML, CSS, Bootstrap, Ajax and Jinja.</li><li>Build backend using Flask, a python web framework and Python.</li></ul>
Achievements	<ul style="list-style-type: none"><li>4<sup>th</sup> position in JUIT Hackathon.</li></ul>

### Soil Analyzer

Description	<ul style="list-style-type: none"><li>Developed a prototype that tells us what we can grow on a soil sample using the weather conditions and the soil sample.</li><li>Built frontend using HTML, CSS, Bootstrap, Ajax and Jinja.</li><li>Build backend using Flask, a python web framework and Python.</li></ul>
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	<ul style="list-style-type: none"> <li>Developed using Raspberry Pi and Arduino, also optimised the project for Intel Edison.</li> </ul>
Achievements	<ul style="list-style-type: none"> <li>Successfully gave an output list of crops that the soil sample is fit to grow.</li> </ul>

## Technical Skills

- Programming & Scripting** – Python, Java, C, C++, MySQL, PostgreSQL, Jinja, HTML, CSS, Bootstrap, Javascript, Ajax, JQuery, Embedded C, Cobol, JCL, DB2.
- Frameworks** – Flask, Selenium, OpenCv, Discord.
- Softwares** - 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, BeagleBone.
- Operating Systems** – Windows, Raspbian, Ubuntu, Kali Linux.

## Extra-Curricular Achievements

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| • 2 <sup>nd</sup> in Spotlight Event – ECE at Cognizance 2016 by IIT Roorkee.                            | 2016 |
| • 2 <sup>nd</sup> in Startup Protothon 17 organized by H.P. Centre Entrepreneurship Development (HPCED). | 2017 |
| • 4 <sup>th</sup> 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.