Prashant Arya

Electronics and Communications Undergraduate

LinkedIn - @prashant-arya

Academic Record

B.Tech (ECE)	2019	Jaypee University of Information Technology, Solan	74%
12th	2015	Seth M.R. Jaipuria School, Lucknow	88.75%
10th	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	• 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	• The bot worked successfully with live video feeds and voice commands.

Telepresence Bot

Description	• 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	• 4th Position in JUIT Hackathon.

Soil Analyzer

Description	• 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	• 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

Email- prashantarya.juit@gmail.com   HackerRank- @steelhitman   GitHub-@steelhitman   Contact- +918604617557

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

Internships

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

Online Certifications

- Pursuing Machine Learning course on Coursera.