CURRICULUM VITAE

Atul Kumar Agrawal

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Bachelor of Technology

Computer Science and Engineering

Veer Surendra Sai University of Technology, Burla, Sambalpur, Odisha

EDUCATIONAL QUALIFICATIONS

DEGREE	BOARD	INSTITUTE	Year of Passing	Percentage Secured/CGPA
B.Tech	Deemed University	Veer Surendra Sai University of Technology, Burla, Sambalpur	2020	CGPA 8.74(Upto 5th Sem)
(12thScience)	CBSE	Vikash Residential School,Barahaguda,Bargarh	2016	92.4
(10th)	CBSE	Vikash Residential School,Barahaguda,Bargarh	2014	CGPA 10

SKILLS

- **Programming Languages- C, C++, JAVA,PHP ,PYTHON, JavaScript**
- **Application Software- MS OFFICE, PROTEUS, ANDROID, ARDUINO, PROCESSING**
- **GITHUB, LINUX**
- **MYSQL, FIREBASE (NOSQL)**
- **HTML, CSS**

TRAINING AND INTERNSHIP

- Internship on High Performance Computing at CDAC, Pune
- HTML CSS course completed from MVA(Microsoft Virtual Academy)
- JavaScript course from SOLOLEARN

PROJECTS

- Project Rover: Robotics

  This project is based on Line Following Robot which can wirelessly send or receive or send signals using Bluetooth module. The Rover sends runtime feedback about the various obstacles using Ultrasonic and Colour Sensor. Path of mars surface is shown.

- Project Smart Agriculture

  An IOT based project pertaining to smart irrigation system. The project deals in tracking the location of trees/plantation, locating them on Google , creating a database with their geospatial reference and proving their present condition like soil water level, air humidity and temperature in their surrounding which will save plants from getting undernourished and eventual death. A web based application. A setup consisting of soil moisture sensor, DHT sensor (Digital Temperature and Humidity) and Node mcu based on ESP8266 Wi-Fi module.

- Cyclenta - a cycle sharing app

- Student app – Smart Attendance

EXTRA CURRICULAR ACTIVITIES

- Technical Member and Website Developer and YouTube Channel Manager at VSSUT Robotics.

- Attended workshop on **High Performance Computing (HPC)** by CDAC at VSSUT

- Question Setter and Event Coordinator in **Hacker Earth Competitive Coding Contest** Conducted by Enigma, the coding club of VSSUT.

- Event Coordinator of **Ethical Hacking Workshop**, Samavesh 2018

- Core Member of Enigma, the coding club of VSSUT.

- Internshala student partner in **ISP 10** from June to August 2018.

- Participated in **Smart Odisha Hackathon** 2018, **Smart India Hackathon** 2018 and 2019, **SmartBitHack** at GIFT, Bhubaneswar 2018 **and RunIO** Hackathon at NIT, Rourkela 2018.

- Participated in various open source events like **OPENCODE'18** by Github, **GSSOC** and **Hacktoberfest**

- Campus ambassador at **Innovision'18,** annual technical fest of NIT, Rourkela

- Attended workshop on **Internet of things** in vssut, burla from 24 November to 26 November 2016.

HOBBIES AND INTEREST

- Web development, playing badminton, listening to music.
- Coding in C, C++, Java, and Python.

ACHIEVEMENTS

- Runners up at Smart Odisha Hackathon 2018
- Inspiration award at SmartBitHack organized by GIFT, Bhubaneswar
- 2nd prize in Switch Coding and debugging in techfest by IT Dept. at VSSUT, burla
- 2nd prize in Switch Coding and debugging in techfest by CSE Dept. at VSSUT, burla

WORK SAMPLES

GitHub Profile:
http://github.com/msatul1305
LinkedIn Profile:
https://www.linkedin.com/in/msatul1305/
YouTube Channel:
http://www.youtube.com/onestopalltech
Facebook Profile:
http://www.facebook.com/msatul1305

PERSONAL INFORMATION

Name: **Atul Kumar Agrawal**

Date of Birth: 13th May, 1998

Gender: Male

Nationality: Indian

Mother's Name: Sabita Agrawal

Father's Name: Suresh Kumar Agrawal

Languages Known: English, Odia and Hindi

Contact Address: Near Marwadi Panchayati Dharamshala, Ward No: 6, Bargarh, Odisha

DECLARATION

I do hereby declare that all the statements mentioned above are true to the best of my Knowledge.

Place: Burla
Date: 30th January 2019   Atul Kumar Agrawal