Tanmay Kumar Sahoo

4th year B.Tech, Electrical and Electronics engineering

LinkedIn - www.linkedin.com/in/tanmay-kumar-sahoo
Hackerrank-https://www.hackerrank.com/tnmsahoo151

Phone: +91 –7550137121
Email: tnmsahoo151@gmail.com
Address: E-6, Lower Camp, Joda-West, Joda,
Keonjhar, pin-758034

Education

2016-20	Vellore Institute of Technology, Vellore Bachelor of Technology, Electrical & Electronics Engineering	8.52/10
2016	12th (Senior Secondary Examination) Central Board of Secondary Education	91.8%
2014	10th (Secondary Examination) Central Board of Secondary Education	95%

Internships

Jun-Jul'18	**TATA STEEL Pt. Ltd, Noamundi** • Overview of the total working of plant • Brief Knowledge of overall electrical Power Distribution across the Plant
Jun-Jul'19	**TATA STEEL Pt. Ltd, Joda** • New Industrial Automation in Iron ore extraction and steel manufacturing plant • Design of logic of PLCs for automation of stacker and reclaimer in the plant

Projects

Dec-April'18	**Fire detector and extinguisher robot using Arduino** (B.Tech, 6th Semester) • Used flame sensors aligned along different directions to detect fire and • Responsible for coding of Arduino and assembly of the parts
Aug-Dec'18	**ECG detection of arrythmia and alarm system** (B.Tech, 5th semester) • Checked the Heart rate • Integrated GSM module to send alert message
Aug-Dec'17	**Wireless Room temperature detection** (B.Tech, 3rd Semester) • Responsible for coding the Arduino board • Integrating RF module for wireless transmission of data (room temperature)

Technical Skills

Languages	Java (Intermediate), MATLAB(Beginner) Data science (Basics)

Awards and Achievements

2019	Awarded with elite Silver Badge in Java NPTEL online course offered by IIT Kharagpur, with around 8500 participants.
2019	Published a review paper on ECG and Arrythmia and relation with stress index in i-PACT conference. (22nd-23rd March)

Training and certifications

Jun-Jul'19	• Introduction to Data Science
Jan-Apr'19	• course Online NPTEL Java programming Course
Mar-Apr'19	• course on Object Oriented programming in Java
March- May'19	• Fundamentals of MATLAB, self-Paced course from MathWorks
Jun-July'19	• Online course- Data Structures deep dive using Java
July-Aug'19	• course on Portfolio and risk Management by Indian school of Business
July-Aug'19	• Foundation of Business Strategy

Extra- Curricular Activities

2017-18	**Core committee member of club Spartans** Actively coordinated various events across the university organised by the club
2017-18	**Event Coordinator in Riviera ,2017** One of Coordinators of event slow Cycle race event in cultural fest Riviera
2018	**Coordinator of events Challenge electrified in tech fest GraVITas** One of Coordinators of event Challenge Electrified in cultural fest GraVITas
2018-19	**Coordinator Volunteer, Guest Care committee, GraVITas 2019** Volunteered in GraVITas Annual Technical fest to ensure great experience for participants
2018-19	**Academic support Volunteer in MAD (Make A Difference) NGO** Assisting out two of the students from the pastor home in their academic field Guiding them through their board exams
2018-19 Aug'18 Apr'18	**Volunteer, Blood Donation Camp** Actively participated in blood donation camp organised by Youth Red cross Actively participated in blood donation camp organized by CMC, Vellore

Interests:

- Reading Mythological Novels
- Boxing
- Cooking
- Swimming