Rohit Raj

Junior Undergraduate

Department of Electronics Engineering

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Degree/Exam	Institute	Year	CPI/%
B.Tech	RGIPT, Jais	2020-Present	7.24
Class XII, CBSE	SAM Secondary School, Biharsharif	2019	79.6
Class X, CBSE	Rosemary Land School, Biharsharif	2017	10/10

INTERNSHIPS & PROGRAMS

- **Summer Intern**
  (Avionics Division, Hindustan Aeronautics Limited, Korwa) *(July'22)*
  - Worked in **Optical Locator System (OLS)** department as a trainee. **Assist** in checking & **testing** final OLS after the reparation work on the test-bench.
  - **Grasped the concepts** of **Optical Chain System** on which it works, how **SU-30** locks its targets, & about its various **block**.
- **Microsoft Cybersecurity Engage 2022**
  (Mentee, Microsoft) *(May'22-Jun'22)*
  - Got to interact and **learn first-hand** from experts from Microsoft Security team.
  - Grasped knowledge and hands on training on **Computer Forensics**, **Reverse engineering**, **cyber defense**, **firewalls**, **MITRE ATT&CK framework**, **XSS** & network vulnerabilities.

PROJECTS

- **Automating Codechef Submissions**
  (Self Project) *(Oct'22)*
  - Used **Selenium** in Python for Codechef platform to **automate** code submission.
- **Image Steganography**
  (Self Project) *(Aug'22)*
  - A **python** based **GUI** to encrypt/decrypt the messages(texts) into image format files to secure the communication.
  - I have used **Open CV** for the Image Processing. It has also authentication system for validation of the user.
- **Courier Management System**
  (Self Project) *(Jun'21)*
  - This system deals with accepting of parcels, and informing the recipient, so that he/she can collect it from a central place of all couriers, using **C++**.

SKILLS & EXPERTISE

- **Programming Languages & Frameworks**: C++, Python, JavaScript, CSS, ReactJS, Google Cloud Platform, HTML.
- **Courseworks**: Data Structures and Algorithms, Competitive Programming.

AWARDS & ACHIEVEMENTS

- Secured Global Rank **390** & APAC Region Rank **171** in **Meta(Facebook) Global Hackathon** 2022.
- Secured a position in **top 0.016%** in **JEE-Advanced 2020** among **1.3 million** candidates.
- Secured All India Rank of **1890** (top 0.15%) among 11,000 candidates in National Science Talent Search Examination **(NSTSE)** 2018 conducted by Unified Council.
- **4 star** on Hackerrank.

POSITION OF RESPONSIBILITY

- **Head** | *Audit & reporting Committee*, IEEE - RGIPT Student Chapter *(Jan'22-Present)*
  - Responsible for **overseeing** the **financial reporting** and information, **maintain** the **financial authorization** of amounts and expenditures, **strengthen** external audit independence.
- **Ambassador** | *IEEE UP Section Student Activity Committee (SAC)* *(May'22-Present)*
  - Responsible for **enriching** the experience of activities conducted & sponsored by **IEEE** to giving the best membership **advantage** to its members.
- **Student Volunteer (SV)** | *24th-ACM Computer Supported Cooperative Work (CSCW) Conference 2021* *(Oct'21)*
  - Led the session as a front SV & as a **Technical Quick Responsor** for solving the technical **problems raised** during the session and **maintain the coordination** between session chairs, authors, and attendees.