Chinmay Garg
Computer Science And Engineering

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ACADEMIC DETAILS

Degree	School/Institute	Year	Grades
B.Tech Computer Science and Engineering	IIT Jodhpur, Rajasthan	2020	8.47*/10
XII CBSE Board Examination	K. V. Bhandup, Mumbai, Maharashtra	2016	92.6%
X CBSE Examination	St. Ignatius School, Aurangabad, Bihar	2014	10/10

PROJECTS AND INTERNSHIPS

- **Internship** | Tata Power, Mumbai | May 2017-July 2017
- **Summer of Codes with OpenBabel** | May 2018 - Jul 2018 | Guide: Dr. Geoffrey Hutchison, Noel O'Boyle
  - Colorized the outputs under different schemes for the OpenBabel, which is an open source chemistry toolbox, and a project under the organization named Open Chemistry.
- **Homonym Detection in DBLP Database** | Jul 2019 - Dec 2020 | Guide: Dr. Suman Kundu
  - Developing an algorithm for solving the homonym problem in DBLP database using rule-based inferencing and clusterizing. Also to create affiliation history dataset for researchers using web scraping.
- **Real-Time Opinion Poll for Live Crowd** | Jan 2019 - May 2019 | Guide: Dr. Sumit Kalra
  - Android application for online polling in groups, and offline polling and quizzing among nearby devices. It uses Google Firebase for database and Google Nearby API for offline communication.
- **Code Visualization using VR** | Jul 2018 - Dec 2018 | Guide: Dr. Sumit Kalra
  - A Windows application which allows basic debugging of C++ code in a virtual space. It was made with the help of Unity3D software.
- **Document Classification** | Jan 2018 - May 2018 | Guide: Dr. Gaurav Harit
  - The objective was to classify given document images into various categories, using the Horizontal-Vertical Partitioning algorithm, and the Random Forest Classifier.
- **Library Management System** | Jan 2018 – May 2018
  - Software for automating the library management system. Proper software development life cycle was followed. Initially the SRS was presented then the project was developed, and after that testing and cross-testing was done.
- **Staza** | Feb 2018 - June 2018
  - Android application for retrieving the location of your smartphone by sending a code through SMS without the use of internet.
- **Valokuvat** | Jan 2018 - Feb 2018
  - Cloud based gallery application for android devices. Organizing and Searching through tags collected from the images and retrieved using Azure based Computer Vision and Face API.

RELEVANT COURSES   *ongoing

- **Computer Science**: Computer Programming, Object Oriented Analysis and Design, Data Structures and Algorithm, Software Engineering, Computer Organization and Architecture, Theory of Computation, Compiler Design, Operating Systems, Algorithm Design and Analysis, Database Systems, Data Communication, Computer Networks, Artificial Intelligence, Computational Physics, Digital Image Analysis, Digital Humanities, Security and Applications*.
- **Management**: Economics, Principles of Management, Basics of Leadership, Basics of HRM, Operations Management.
- **Bioscience and Bioengineering**: Biology (Class XI and XII), Microbial Genomes and Microbiomes*, Introductory Chemical Biology*, Tissue Engineering*, Sensory Neural Systems*, Biosensors*.

TECHNICAL SKILLS

- **Languages:-** C/C++, Python, Matlab, HTML
- **Frameworks/Softwares:-** Matlab, OpenCV(C++), Android (Java/ Kotlin), Unity3D (C#).

ACHIEVEMENTS

- AIR 29 in 17th Junior Mathematical Olympiad (JMO) 2014, organized by Kendriya Vidyalaya Sangathan.
- Branch Change from Electrical to Computer Science after first year.
- Department Rank 3 after first year.

LEADERSHIP AND VOLUNTARY EXPERIENCE

- Dining Club : Vice-Captain (2017-18).
- Quiz Club : Vice-Captain (2017-18).

INTEREST AND HOBBIES

- Chess, Quizzing, Table Tennis, Reading