SUMIT CHANDRA JOSHI

3ʳᴰ YEAR UNDERGRADUATE,

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DEPARTMENT OF COMPUTER ENGINEERING,

ARMY INSTITUTE OF TECHNOLOGY, PUNE

TECHNICAL SKILLS

- **Languages:** C++,C, Java , Python ,PHP , HTML (sorted according to proficiency ,C++ -highest)
- **Softwares:** MS Office,
- **Platforms**: Windows, Linux(Ubuntu, Fedora).
- **Relevant Courses**: Fundamentals of Computing, Computer Organization, Discrete Mathematics, Programming Tools and Techniques, Data Structures and Algorithms., Database Management Systems
  Graphics Programming In C++ using <graphics> and OpenGL
- **Courses currently doing**: Machine Learning , Operating Systems and Computer Networks. , Advanced Java, System Design And Scalability

ACADEMIC PROFILE

Year	Degree	Institute	Performance
2020 (expected)	B. E Computer Engineering	AIT PUNE	SGPA=8.59(4 sem)
2015	CBSE(XII)	APS	91.8 %
2013	CBSE(X)	APS	10.0 CGPA

SCHOLASTIC ACHIEVEMENTS

- Secured First Prize in inter college coding competition in 2016 .
- Was subject topper Computer Science of my school in CBSE XII Examination held in 2015
- Was in the top 3 students of my school in the CBSE XII Examination held in 2015.

PROJECTS UNDERTAKEN

File sharing From Centralized System	*(October 2018)* A simple file sharing application implemented in Java . Initially without use of any database. Used cache like design to improve performance.
Dictionary	*(April 2018)* Implemented A dictionary with auto complete features In C++ Used trie data structure for auto complete feature.
Steganography	*(Jan 2018)* Implemented A project in Java On Steganography Developed a complete module without GUI which can hide a data of 2/8 the size of image without significant distortions. Before hiding the encrypted it with basic xor technique.
Smart waste Management System	*(May-June 2017)* Real Time monitoring of large dustbins using ultra sonic sensors Real Time monitoring of garbage collector vans using GPS

HOBBIES AND INTREST

Competitive Programming, Solving Puzzles , Physics Enthusiast

ROLES OF RESPONSIBILITY

- Organized Intra college event Astro Quiz and Math's Olympiad
- Organized A workshop on Cybersecurity and Ethical Hacking

PERSONAL INFORMATION

- Alternate email id: **sakamoto1jin@gmail.com**
- Phone Number: **+91 8698635112 (mobile)**

REFRENCES

Available On Request