SUMIT CHANDRA JOSHI
3 ʳᵈ YEAR UNDERGRADUATE,

sakamoto1jin@gmail.com

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
	 Finding Optimum path for truck from above collected information

HOBBIES AND INTEREST

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: **flast9421@gmail.com**
- Phone Number: **+91 8698635112 (mobile)**

REFRENCES

Available On Request