Umang Kumar, B. E.(Computer Engineering) at AIT, PUNE

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EDUCATION

- **Army Institute of Technology**   Pune, India
  Bachelor of Engineering - Computer Engineering; SGPA: 9.07   *2020 - Present*
  Courses: *Data Structures, Computer Networking, Databases, Object-Oriented Programming*

- **Rashtriya Military School**   Belgaum, India
  Matriculation(10th): *9.6 CGPA*   *2012-2019*
  Intermediate(12th): *81.4%*

SKILLS SUMMARY

- **Languages:** Python, C++, HTML, SQL, [learning JavaScript and Solidity]
- **Frameworks:** OpenCV, Django, Flask, PIL, Pygame, OS, Bootstrap
- **Tools:** Git/GitHub, MySQL, MongoDB, Postman, Remix IDE
- **Platforms:** Linux, Web, Windows, GCP
- **Tech Skills:** Web Development, Ethical Hacking, Competitive Programming, DSA, OOP
- **Soft Skills:** Team Player, Event Management, Content Writing, Public Speaking, Time Management

EXPERIENCE

- **Microsoft Engage 2022**   Remote
  Mentee & Upcoming Summer SDE Intern 2023   *May 2022*
  - **AtEasy**: Completed a web app for marking attendance through Facial Recognition during 3 weeks mentee period.
  - **Use case**: In a world where every second counts, AtEasy saves those 20 minutes, wasted in marking attendance.
  - **Industrial exposure**: Interacted and learnt from people working in Microsoft, in India and abroad.

- **AIT Information Security and Digital Forensics Club**   On-site
  Joint Secretary   *July 2021 - Present*
  - **Events Organized**: Organized many events such as CTF and weekly cyber trivia.
  - **Learnings**: Learnt Linux and started ethical hacking.
  - **Impact**: Started a GitHub repository of ISDF club and motivated students to start ethical hacking even if it's for hobby.

PROJECTS

- **XtraBlog (Web Development)**: Created and deployed a complete blog website implementing all the CRUD features and highest of security standards.
  Techctsack: Django(Python), SQLite, Bootstrap (Jan '23)
- **Blockchain Development (Smart Contracts, blockchains)**: Built blockchains with proper POW(Proof of Work) and understood working of cryptocurrencies and smart contracts.
  Techstack: Python, OpenCV (June '22)
- **AtEasy - Facial Recognition based Attendance System (Web Development, Face-api)**: A Face detection based attendance system, built during Microsoft Engage Mentorship 2022.
  Techstack: (Flask)Python, HTML, CSS, JS, face-api.js, MongoDB (May '22)
- **Steganography(Ethical Hacking, Image Processing, Cryptography)**: A console-based program to encode data(text, image file) into an image without anyone recognizing it. Techstack: (CV2, OS) Python (August '21)

ACHIEVEMENTS

- Completed HacktoberFest 2022
- 3rd position in Hide&Seek CTF, AIT ISDF Club
- Completed 30 Days of Google Cloud, Google Developer Student Clubs
- 3rd Position in Science Olympiad, NSO
- 1st Position in RMS Pentangular Debate, RMS, Ajmer
- PMSS Scholarship, National Defense Fund

COURSES

- Django Web Framework, by Meta on Coursera, 01/2023 – Present
- Crash Course on Python, by Google on Coursera, 08/2021
- Python, Rahul Computers, 07/2021