Sahil Sachin Mhatre

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EDUCATION

Syracuse University - College of Engineering & Computer Science, Syracuse, NY   August 2022 - July 2024
Master of Science in Computer Science.
- Current course work: Design and Analysis of Algorithms, Computer Architecture, Intro to Artificial Intelligence.

Mumbai University - Ramrao Adik Institute of Technology, India.   June 2018 - June 2022
Bachelor of Engineering in Computer Engineering
- Relevant course work: Operating System, Data Structures and Algorithms, Computer Networks, Artificial Intelligence, Machine Learning, Theory of Computer Science, Microprocessor.

EXPERIENCE

Software Development Intern, RAIT-SDG – Mumbai, India   June 2021 - August 2021
- Guided the development of a program for pandemic crowd management as a response to the Covid-19 challenge using ML, OpenCV, Python, Flutter, and Django.

Software Development Intern, RAIT-SDG – Mumbai, India   December 2020 - March 2021
- Created Truppt: A Vocal for Local Initiative to connect sellers with buyers and organizations leveraging AI and aid local enterprises in expanding into national and international markets. Python scripting, API development, database administration, and security were among the contributions made as an intern.

Software Developer, WheeMinds – Panama   January 2020 - April 2020
- Directed the designing and development of main website along with a web app providing children with basic mathematics practice depending on individual's ability along with management of Wheeminds' social media.

PROJECT
- Algorithmic Trading Bot : Machine Learning, Django, JavaScript, Financial Strategies, Stock Market, Security, AJAX.
- QR-Code Based Voting/Election Website : Computer Vision, QR Code, Django, Security, Optical Character, Recognition, Natural Language Processing.
- Encrypt-Decrypt : Python, Security, Graphical User Interface, Cryptography.
- 2-player Chess Game : Java.
- Mail - Server : Python, REST APIs, JSON, AJAX.

COURSES
- CS50 Web Programming with Python and JavaScript: HTML, CSS, Python, Django, React, JavaScript, AJAX, Database (Harvard University).
- CCNA Program, comprising courses: Introduction to Networks, Switching Routing and Wireless Essentials, Enterprise Networking Security and Automation (Cisco).
- Devnet Associate: Linux, Git, Flask, APIs, Deployment, CI/CD, Testing, Automation (Cisco).
- Introduction to CyberSecurity and Cyber Essentials (Cisco).

HONORS & AWARDS
- Registered successfully and obtained copyright for TRUPPT: Vocal for Local Initiative.
- The Algorithmic Trading Bot research study was presented at the International Conference on Automation Computing and Communication 2021 and is published on the ITM Web of Conferences (https://bit.ly/3jMp6Bs).
- An article on Algorithmic Trading Bot is featured on GeeksForGeeks (https://bit.ly/37AOOmS).
- Awarded the Institute's Best Chess Player.

COMPUTER SKILLS
- Programming Languages: Python, C, C++, Java, SQL, JavaScript, Assembly Language.
- Frameworks: Django, Flask, React, Flutter.
- Technical Skills: Programming, Networking, Web Development, Artificial Intelligence, Ethical Hacking, Automation.

ADDITIONAL INFORMATION
- Chess: Led institute's Chess team as a captain to win several national chess tournaments. Current chess elo 2100.
- Served as Marketing Head for PR and social media marketing for the biggest marathon in Mumbai, Udaan.
- Volunteered at Tribal Development Programs with the intention of raising more awareness within tribal communities on initiatives such as Education-for-All, Good-Health, and others.