Sahil Sachin Mhatre

415, Clarendon Street, Syracuse, NY | +1 (929) 613-6697 | smhatre@syr.edu
https://mhatresahil.github.io/portfolio/ | https://www.linkedin.com/in/sahilmhatre106/

EDUCATION:

- **Syracuse University -** College of Engineering & Computer Science, Syracuse, NY.   Aug 2022 - Jul 2024
  Masters in Computer Science.
- **University of Mumbai -** Ramrao Adik Institute of Technology, India.   Jun 2018 - Jun 2022
  Bachelor of Engineering (Computer Engineering)

PROJECTS:

- Final year project: Algorithmic Trading Bot, gets the best trade turnover with minimal capital expenditure and minimized risk.
- "QR-Code Based Voting/Election Website" in Web Development Lab (Sem V).
- "Encrypt-Decrypt" in Open-Source Technology Lab (Python + Perl) (Sem IV).
- 2-player Chess Game in Java (Sem III).

COURSES & CERTIFICATIONS:

- CS50's Web Programming with Python and JavaScript course, provided by HarvardX (**Harvard University**), was successfully completed, comprising six projects, (Sep 2021).
- Concluded **CCNA program**, comprising of courses, Introduction to Networks, Switching Routing and Wireless Essentials, Enterprise Networking Security and Automation, (Sep 2021).
- Successfully finished a course on DevNet by **Cisco** (Jul 2021).
- Introduction to Cybersecurity and Cybersecurity Essentials by **Cisco** (Mar 2021).

EXPERIENCE:

- **RAIT-SDG** (Software Development Intern) Jun 2021.
  Developed a pandemic crowd management software as a solution to Covid-19 challenge with ML, OpenCV, Python, Flutter, and Django.
- **RAIT-SDG** (Software Development Intern) Mar 2021.
  Developed **Truppt: A Vocal for Local Initiative** using AI to help small businesses access national and international markets by linking sellers to customers and organizations of all.
  Contributions as an intern: Python scripting, API development, database management, security.
- Volunteered to teach children in an orphanage as well as in Tribal Development Program, Jan 2021.
- **WheeMinds (**Software Developer) Apr 2020.
  Led the designing and development of a main website along with a web app for **WheeMinds** that provides children with basic mathematics practice depending on the ability along with management of WheeMinds' social media profiles.

SPECIAL INTERESTS & EXTRA-CURRICULAR:

- Led institute's Chess team as a captain to win several national chess tournaments. The current online chess rating is at 2100.
- Competitive Programming.
- Community Services.

HONORS & AWARDS:

- Successfully registered and received the copyright for TRUPPT: Vocal for Local Initiative.
- Algorithmic Trading Bot's technical paper presented at International Conference on Automation Computing and Communication (ICACC-2021) and published on the ITM Web of Conferences (https://bit.ly/3jMp6Bs).
- An article on Algorithmic Trading Bot was featured on GeeksForGeeks (https://bit.ly/37AOOmS).
- Awarded the Institute's Best Chess Player.

COMPUTER SKILLS:

- **Coding Languages:** Python, C, C++, Java, SQL, JavaScript, GNU Octave, Assembly.
- **Databases:** PostgreSQL, MySQL, MongoDB, Firebase.
- **Frameworks:** Django, Flask, React.

LANGUAGES KNOWN: English, Spanish, Hindi, Marathi, Sindhi.