Nimisha Sinha

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SKILLS

- **Languages**: Python, HTML, CSS
- **Frameworks**: Bootstrap, SQL
- **Tools/Platforms**: Selenium IDE, RapidMiner, Cisco Packet Tracer, VS Code, Code Blocks, Virtual Box
- **Soft Skills**: Problem-Solving, Time Management, Adaptability, Team Player

INTERNSHIP

JP Morgan Chase & Co.   Feb'24 – Jul'24
CyberSecurity Job Simulation
- Analysed a large dataset of fraud in financial payment services, identifying patterns and anomalies to enhance detection mechanisms.
- Learned application security fundamentals and applied them to enhance the security of a provided website.
- Built an email classifier using machine learning techniques to accurately identify and categorize emails as spam or ham

PROJECTS

- **Malicious Mail Protecter**   Oct'24- Nov'24
  - Designed a Flask-based web application to classify emails as "Spam" or "Ham" based on their content and attachments.
  - Ensured that attachments are categorized as "Safe" or "Malicious" and presented the analysis to users.
  - Integrated Python's web browser module to open the application in the default browser upon startup.
  - Focused on user authentication, secure email fetching, and prevention of malicious file execution or handling..
  - **Tech**: Python, HTML, CSS

- **Facial Emotion Recognition System**   Mar'24- Apr'24
  - Designed and implemented a convolutional neural network (CNN) for facial emotion recognition.
  - Trained the model to classify facial expressions into seven distinct emotions
  - Tried different CNN architectures to explore their impact on performance.
  - **Tech**: Python and Machine Learning

- **Amazon Clone Website**   Mar'24 – Mar'24
  - Replicated Amazon's complex layout using only HTML and CSS.
  - Paid close attention to design consistency and visual accuracy.
  - Ensured an intuitive, user-friendly interface similar to Amazon's.
  - Tech: HTML and CSS

CERTIFICATES

- Crash Course on Python by Coursera   Oct'24
- Google Data Analytics Professional Certificate by Coursera   Jul'24
- Foundation of Cybersecurity by Google Coursera   Apr'24
- Metasploit for Beginners: Ethical Penetration Testing by Coursera   Mar'24

ACHIEVEMENTS

- **Participated in Hack Quest and achieved 5th position:**

  Participated in the Hack Quest organized by Department of Youth Capital and achieved 5th position.   Apr'24

EDUCATION

- **Lovely Professional University**   Punjab, India
  Masters of Computer Application, CGPA: 7.51   Since Aug'23

- **Ranchi Women's College**   Ranchi, Jharkhand
  Bachelor of Science in Information Technology, CGPA: 8.77   Jun'19 – May'22

- **Ranchi Women's College**   Ranchi, Jharkhand
  Intermediate, Percentage: 60.60%   Apr'17 - Mar'19