Riya Gupta

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EDUCATION

Northeastern University, Boston, MA — 2022 – Expected April 2025
B.Sc. in Computer Science and Mathematics

Related Coursework: Group Theory, Probability & Statistics, Number Theory, Intro to Cryptography, Natural Language Processing, Theory of Computation, Algorithms & Data, Object-Oriented Programming

Certification: Financial Edge Training (The Investment Banker Micro-Degree)

Study Abroad Experience: Harvard University (Econometrics, Quantitative Economics), London School of Economics (Real Analysis, Marketing Strategies)

SKILLS

Business & Analytics: Financial Modeling, Data Analytics, Business Strategy, Market Analysis, Project Management, Leadership & Team Management
Languages: Java, Python, JavaScript, HTML/CSS, SQL, Swift, MATLAB

EXPERIENCE

Sampoorna Feeds Pvt LTD, Punjab, India — Aug 2021 – Present
Sales and Production Director

- Look over leadership of the sales and production teams following a family transition, managing a team of 60+ employees across multiple departments.
- Spearheaded a 15% increase in overall production efficiency by implementing optimized schedules and resource allocation, reducing downtime and improving output.
- Coordinated with cross-functional teams, including logistics and finance, to ensure seamless operations and timely product delivery.

Harvard Law School, Cambridge, MA — July 2024 – Dec 2024
Information Technology Services Assistant Co-op

- Collaborated with a team of 20-25 experienced IT professionals to support backend operations and enhance IT services.
- Utilized ServiceNow for IT service automation, contributing to workflow improvements and ticket management.
- Developed and integrated custom code for Microsoft Intune, optimizing device management and compliance.
- Provided technical support at the service desk, efficiently resolving user issues and improving service delivery.

Northeastern College of Engineering (COE), Boston, MA — Sept 2023 – April 2024
Mathematics Peer Tutor

- Conducted academic support sessions for undergrads in Calculus I-III, Differential Equations, and Linear Algebra, with weekly attendance ranging from 40-45 for group doubts and 10-11 for one-on-one instruction.
- Devised over 50 comprehensive instructional resources, including detailed graphical aids and 20+ cheat sheets.
- Evaluated student development by consistently gathering feedback using the Knack tutoring platform, and customized teaching methods to cater to distinct learning preferences.

PROJECTS

Glamupes | Python, React, SQL — Feb 2024 – Present
Co-founder

- Launched an AI-driven platform that provides cost-effective alternatives (dupes) to premium makeup and skincare products by analyzing chemical compositions, optimizing consumer purchasing decisions.
- Spearheaded the development of a database with over 200,000 products, integrating algorithms that deliver real-time results in under 2 seconds.
- Increased customer satisfaction and engagement by improving decision-making processes, achieving 500+ successful product matches within the first month of testing, and demonstrating strong product-market fit.

StudyLink | JavaScript, Python, MySQL — May 2023 – Dec 2023
Founder & Developer

- Conceived and launched a web application aimed at enhancing student collaboration by allowing NEU students to effortlessly form and discover study groups, strategically mapped across the university for optimal convenience.
- Led the full product lifecycle, from ideation and wireframing to development and deployment, while managing all aspects of UX/UI design, ensuring an intuitive and user-friendly interface.
- Scaled the backend infrastructure to support real-time updates for group availability and location tracking, improving user engagement by 25%.