My name is Sakshi Suman. I am currently enrolled as a Graduate student in the **Applied Mathematics** program at **Northeastern University**, Boston. My current GPA is 4.0/ 4.0, and I will be graduating by December 2022.

I earned my bachelor’s degree from the **REVA University**. Post this, I have an overall work experience of 2+ years as a Software Engineer – Machine Learning, and my work involved problem-solving in the areas of Machine Learning, Image Processing at the companies Pelatro Solutions, Walkter Beaker Lab. I chose to pursue a master’s in order to move from Software Engineering to Machine Learning.

I chose to pursue a master’s education to enhance my knowledge in the field of Machine Learning. I am currently interested in the “Machine Learning Engineer/ Data Scientist/ Quantitative Researcher Internships/ Co-ops (Summer/ Fall 2022)” opportunities.

My coursework includes the following courses:

**Active Coursework:**

* MATH 5131 – Mathematical Methods and Modeling
* MATH 5110 – Applied Linear Algebra
* MATH 7241 – Probability I

**Academic Transcript:** [Current Grades](http://saint1729.me/transcript.pdf)

**Upcoming Coursework**:

* CS 6140 – Machine Learning
* MATH 7343 – Applied Statistics

**My Research:**

* Time Series Analysis of average runs of opening batters of baseball using Markov Chain [[1]](http://saint1729.me/MATH7241.pdf)
* Predator-Prey Modeling with Lotka-Volterra with weak Allee effect and Pesticide Usage [[2]](http://saint1729.me/MATH5131.pdf)
* Numerical Algorithm for solving Non-Homogeneous Time Varying Coefficient Couped ODE [[3]](http://saint1729.me/IITKGP.pdf)

I have self-learned courses related to Machine Learning from [Coursera](https://www.coursera.org/user/cec18b9a1998670a3cc03fcd51a1be8a)/ [LinkedIn Learning](https://www.linkedin.com/in/saint1729/), and I have worked on several personal and academic projects ([GitHub](https://github.com/saint1729)) accordingly.

I am further interested to work in the roles formed at the intersection of Programming & Math at a fast-paced, growing tech company like yours. Hence, I took a visionary decision to pursue formal education and fill the missing gaps to achieve my long-term career goals.

Thank you for your time!

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