Deeksha Kapoor

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SUMMARY

Aspiring software engineer, with 3+ years of programming experience taking computer science curriculum in high school and college (JAVA, OOPS, Python etc). Good knowledge of sorting/searching algorithms and data structures. Open to learning new languages and platforms.

EDUCATION

University of Maryland; College Park, MD – *B.S. Computer Engineering* (August 2024 – Present)

Westborough High School; Westborough MA – SAT: 1420 (MATH: 730; ENGL: 690) – *National Honors Society*

SKILLS	RELATED COURSES
Programming Languages: JAVA; Python (EdX certified); HTML Tools: Eclipse; ELK Stack; TensorFlow; VSCode	Object – Oriented Programming JAVA, AP Calc AB, AP Chemistry, Calculus, AP Computer Science A, AP Statistics, AP Physics, Calculus

INDUSTRY & PROJECT EXPERIENCE

Tufts Program – *Project* (July 2023)

Intent: Finding a solution to make transcriptions of historic documents more accessible to others, and easier to interpret.

- Trained an AI model to analyze large datasets of handwritten text and convert to digital files using Tensorflow, Python, OCR and VSCode
- Incorporated Recurrent Neural Network by using sequential inputs of handwritten texts and storing contextual information in Long Short Term Memory for optimal temporal dependencies
- Developed understanding of using Python's Flask Framework to construct web pages, and learned how to analyze large data sets using Python library – Pandas
- Achieved 85% accuracy and collaborated further with Tufts – Graduate Students evaluate performance levels

PACKABLES (Online seller) – *Internship* (July 2023 – August 2023)

- Performed data analysis to gather insights from large and unstructured data sets
- Helped financial team with evaluating fulfillment fees and high pricing issues, analyzing packaging export costs, Amazon product issues, and pack size issues

Athru Designs (Gallery of local artisans handicrafts, Westborough MA) – *Internship* (July 2023 – October 2023)

- Designed and implemented social media content using HTML to increase outreach on multiple platforms such as Instagram, Facebook, Website, etc., to fulfill the business owners' need for online social media presence.
- Recommended and helped cross-link website with artisans' websites to improve awareness across the customer base and increase user-efficiency

ThinkForFun – *Tutor* (December 2020 – July 2022)

- Taught grades 2nd – 5th Algebra, Arithmetic, and word problems through full year courses, summer camps, and Kangaroo Mathematics Competition

ACTIVITIES

DECA – *Executive Officer* (November 2021 – May 2024)

- Planned and organized 7+ school wide events such as Pull Up Contest, Trivia, etc. and raised $500+ for Westborough DECA School Chapter
- Won Gold Medal (Massachusetts Competitive Excellence Top Performer) in the National Level Fall Leadership Conference role-play event. Attended learning workshops, and networked with professionals. (Washington DC 2021-2022)
- Placed Top 6 Massachusetts State Conference– Human Resource Management Individual Series and qualified to compete at International DECA Conference April 2023.
- Competed in Massachusetts DECA State Conference by earning 2nd place at District 7 Conference (Human Resource Management Individual Series March 2023)
- Won 3rd place at District 7 Conference (Marketing Management Individual Series) and qualified to compete at Massachusetts DECA State Conference in March 2022

Rangers Reimagined – *Founder & CEO* (April 2022 – May 2024)

- Created, led and nurtured 'Westborough High School's Retail Enterprise' to earn Gold-Certification Level from DECA School Based Enterprise Association (Rangers Reimagined) (2022; Sophomore)
  - Ended fiscal year with profits of $250+ in 2022-23
  - Helped to fundraise ($100+) by doing charity events for National Breast Cancer Awareness
- Delegated tasks to various team members for activities across sales, marketing, content design and production.
  - Collaborated with school clubs and sports teams for team apparel and accessories