

TENZIN CHOEZOM

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EDUCATION

City College of New York (CCNY), City University of New York (CUNY)

New York, NY

Bachelor of Computer Engineering | GPA: 3.83/4.00

Expected May 2025

Relevant Coursework: Discrete Structures and Algorithms, Data Structures, Electrical Circuits, Switching Systems

Cornell University, online certificate in Machine Learning Foundations

August 2022

SKILLS

Programming: C++, HTML, CSS, Python, Jupyter Notebook, Machine Learning Algorithms, Natural Language Processing (NLP), Data Science

Spoken Languages: Tibetan, Korean, Hindi

PROJECTS

The Peter Parkers - Art & Tech Hackathon, CUNY Tech Prep

Aug 21st, 2023 - August 25th, 2023

- Collaborated with 3 other team members to create an engaging website for artists to upload their work and blog
- Worked the front end of the website to match our theme of Spiderman
- Created a canvas to paint on using **Javascript**, **HTML**, and **CSS** to make the website children friendly as well

Customer Experience Machine Learning Model, Verizon

Present

- Collaborating with 4 other team members to develop a machine learning model that will allow Verizon to decide in which areas of the United States they need to further develop their network
- Using data from various sources including government sources and data cleaning using **Python** to make it suitable to use for the model

Book Review Classification Model

Aug 2023

Developed a machine learning model that classifies book reviews using textual data as either Positive Review or Negative Review

- Implemented **Decision Tree**, **Random Forest Classification**, **Gradient Boosting Decision Tree**, and **Neural Networks** using **Python**, **scikit-learn**, **Numpy**, **Pandas** and **Tensorflow** with a validation AUC of 67%, 90%, 88%, and 91% respectively.
- Practiced natural language processing to tokenize the textual data using **Term Frequency - Inverse Document Frequency** (TF-IDF) and validated models using **Random Search** and **Grid Search**

RELEVANT EXPERIENCE

CUNY Tech Prep

New York, NY

Full Stack Fellow

Jul 2023 – Present

- Selected for a competitive web development fellowship with students from across the 11 CUNY senior colleges where Fellows create technical projects using tools such as **React**, **Node + Express**, and **PostgreSQL**
- Participate in weekly courses and learn industry best practices for design, implementation, and deployment such as **MVC**, version control with **Git/GitHub**, agile & Scrum with Trello and Slack, test driven development, and CI/CD

BreakThrough Tech AI

New York, NY

Certificate in Machine Learning/AI, Data Science in Machine Learning

Jun 2023 – Present

- Selected from 1500+ applicants to participate in the BreakThrough Tech AI Program at Cornell Tech.
- Includes a 10-week Machine Learning foundations course on various machine learning algorithms such as **Decision Trees**, **Neural Network**, **Ensemble Models**, **Regression Models**, etc.
- Participant in 12-month long program including Machine Learning coursework with Cornell faculty, experiential learning experiences, and mentorship from industry professionals.

Girls Who Code

New York, NY

Web Development

July 2020

- Developed an introductory website using basic of programming languages such as **JavaScript**, **HTML**, and **CSS**
- Managed agenda to meet all deadlines without failure
- Operated with fellow “girls who code” and established strong relationships

SUPPORTING EXPERIENCE

All Star Studios

Queens, NY

Desk Staff

July 2022 – Present

- Assisted customers by using an online portal to schedule classes, pay their fees, send situation-appropriate emails
- Assumed responsibility of opening, organizing, and closing the business daily