

# Aleksandra Georgievska

516.448.8744 | aleksgeorgi@gmail.com | Queens, NY | [LinkedIn](#) | [Github](#) | [Website](#)

## EDUCATION

**Computer Science B.S.**, CUNY Queens College  
*Joyce Warren Scholarship | Dean's List | GPA 3.63*

Queens, NY

May 2020 - Expected Dec 2023

**Contemporary Writing & Production B.A.**, Berklee College of Music

Boston, MA

2007 - 2011

## PUBLICATIONS

"Prediction of Pediatric Peanut Oral Food Challenge Outcomes Using Machine Learning", Gryak et al., In Draft, Journal

## SKILLS

**Skills:** ML lifecycle, Agile/Scrum, statistical/ML modeling & analysis, NLP, EDA, data cleaning/analysis, data visualization

**Tools:** Python, R, Java, C++, HTML/CSS, Flask, SQL, MongoDB, Excel, Figma, Photoshop, Trello, Git/Github, Bash

## EXPERIENCE

**Software Developer, Machine Learning Engineer, Consultant**

New York, NY

Company Ventures (Contractor)

Jul 2023 - Present

- Designing, developing, and deploying a custom web app solution based on client specifications to clean, analyze, and apply machine learning models to raw data

**Research Intern**

New York, NY

CUNY Queens College, Dr. Jonathan Gryak

May 2023 - Present

- Assisting in the development of various novel ML pipelines, and identifying and implementing code efficiencies
- Cleaning and interpreting raw datasets for ML training using the data's study documentation, Excel, and Python
- Generated summary statistics and performance metrics for ensemble and individual models

**Data Science Research Fellow**

New York, NY

Microsoft Research, DS3

May 2023 - June 2023

- Partnered with MSR scientists to reproduce a published paper, reporting insignificant results and source code bugs
- Applied scripting techniques using Python, R, and Bash to obtain, clean, and explore datasets, and train ML models
- Utilized statistical techniques, data visualization, and evaluation metrics to assess model predictive performance
- Chosen from 300+ of applicants to be 1 of 12 student researchers in a paid 4-week full-time data science program

**AI Researcher, ML Engineer**

New York, NY

Convofind (start-up)

Jan 2023 - May 2023

- Researched existing recommendation and matching algorithms, and helped develop a MVP for early user feedback
- Contributed to the implementation of the MongoDB user DBMS, and the ML pipeline using Python and the GPT-3 API
- Showcased MVP alongside co-Founder and met with investors at Startup Grind's Global Conference in April 2023

**Data Science Fellow**

New York, NY

CUNY Tech Prep

Aug 2022 - Jun 2023

- Selected out of 500+ applicants to participate in a year-long technical and professional development program
- Completed 22 weekly synchronous learning labs for building skills in Python (Pandas, Numpy, Scikit-learn), SQL, data visualization, fitting and evaluating ML models (Regression, Random Forest, Image Classification, NLP), exploratory data analysis (EDA), feature engineering, data collection and processing, and statistical analysis techniques

**Machine Learning/AI Fellow**

New York, NY

Break Through Tech at Cornell Tech

Jul 2022 - Sep 2022

- Acquired practical ML/AI expertise through lectures, collaborative group labs resembling Agile sprints, and projects
- Worked with industry partner UNHCR to analyze email data, identifying predictive features for donation candidates

## PROJECTS/EXTRACURRICULAR

**Ambassador for CUNY Tech Prep at Queens College**

Dec 2022 - Jun 2023

- Elected out of 170+ students to represent CUNY Tech Prep at outreach events such as workshops and info sessions
- Nominated and delivered closing speech at CUNY Tech Prep graduation ceremony

**Shopping Mall Management Software (Group Project - Team Captain) - Java**

Nov 2023 - Dec 2022

- Led the system design process and created documentation for software requirements and specifications

**Vibify (Group Project) - Python, Tensorflow, NLTK, Streamlit**

Oct 2023 - Dec 2022

- Developed a web based NLP model for sentiment analysis on lyrics, and a search engine for the top-5 similar songs

**MyMuscle (1<sup>st</sup> place, Group Hackathon) - Javascript, HTML/CSS, Python**

Aug 2022

- Created a fitness website with hover-over insights for muscles, and simulated progress visualizations using FitBit data

**Tech Resilience Mentorship, Microsoft**

Aug 2021 - Nov 2021

- Built inclusion, resilience, emotional intelligence, and growth mindset skills over 6-weeks via collaborative workshops