

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 3.67*

Queens, NY
May 2020 - Expected Dec 2023

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

Boston, MA
2007 - 2011

SKILLS & TOOLS

Skills: ML model selection/training/evaluation, data cleaning/analysis/visualization, database management, Agile/Scrum

Tools: Python, R, Java, HTML/CSS, SQL, MongoDB, Excel, Git/Github, Bash, Figma, Photoshop, Davinci Resolve, Trello

EXPERIENCE

Data Analyst/Software Developer

Company Ventures (Contractor)

New York, NY
Jul 2023 - Present

- Designing, developing, and deploying a custom web app solution based on client requirements to clean, analyze, and apply machine learning models to raw data using Python (SpaCy, NLTK, Scikit-Learn), Flask, HTML/CSS, Heroku

Research Intern

CUNY Queens College, Dr. Jonathan Gryak

New York, NY
May 2023 - Dec 2023

- Assisted in developing ML pipelines for bioinformatics to create a clinical decision support system for food allergies
- Cleaned and interpreted raw datasets for ML training using the data's study documentation, Excel, and Python
- Generated summary statistics, performance metrics, and written copy for a collaborative research paper

Business Development and Research

ConvoFind (start-up, now Pondr)

New York, NY
Jan 2023 - May 2023

- Collaborated in planning ConvoFind's business model, focusing on enhancing user engagement through algorithmic matching for online conversations; analyzed academic and market research to innovate social networking algorithms
- Presented at Startup Grind's Global Conference in April 2023, advocating for investment and strategic partnerships

Director of Compliance Account Services

Ncontracts, LLC (start-up)

Brentwood, TN
Dec 2013 - Jul 2016

- Strengthened company's scalability and resilience through planning and implementing the department's hierarchical overhaul, which created hiring and training efficiencies, growth opportunities, and clarified job expectations
- Compiled reports in Excel for client services and stakeholders, and led weekly team meetings for 8 direct reports

FELLOWSHIPS

Data Science Research Fellow

Microsoft Research, DS3

New York, NY
May 2023 - June 2023

- Collaborated with MSR scientists to replicate study results, identifying key discrepancies and source code anomalies
- 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

Data Science Fellow

CUNY Tech Prep

New York, NY
Aug 2022 - Jun 2023

- Developed proficiency in Python (Pandas, NumPy, Scikit-learn), SQL, and ML algorithms (Regression, RF, Image Classification, NLP) over 22 weeks of intensive labs; honed skills in EDA, feature engineering, and statistical analysis
- Co-created Vibify using Streamlit, Python, TensorFlow, and NLTK; trained NLP models on Spotify lyrics for sentiment analysis; added lyrics search functionality using cosine similarity calculations
- Engineered MyMuscle, a fitness website, within a team of four that won 1st place in a hackathon; programmed dynamic muscle insights and simulated live-data visualizations showing fitness progress using Python and Fitbit data
- Served as Queens College Ambassador; presented closing speech at CUNY Tech Prep graduation ceremony

Machine Learning/AI Fellow

Break Through Tech at Cornell Tech

New York, NY
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

Tech Resilience Fellowship, Microsoft

Aug 2021 - Nov 2021

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

PUBLICATIONS

"Prediction of Pediatric Peanut Oral Food Challenge Outcomes Using Machine Learning", Gryak et al., Under Review