

2087210274
New York
lucavdelsignore@gmail.com

Luca Del Signore

GitHub:
blueCormorant
LinkedIn: luca-del-
signore-494874b1

EDUCATION

Master of Arts in Computational Linguistics Jan 2021 - May 2023 (expected)
City University of New York at the Graduate Center **GPA 3.9**

Course Highlights: Natural Language Processing, Machine Learning, Distributed and Cloud Computing, Statistics, Language Technology, Methods in Computational Linguistics II, Syntax, Semantics

Research Highlights: Led a group project for multi label classification of very long documents using deep learning with Tensorflow. Currently investigating the statistical relationship between prompt syntactic complexity, model scale, and task performance for large generative language models.

Bachelor of Science in Mathematics and Computer Science Sept 2013 - May 2017
Fordham University **GPA 3.5**

Course Highlights: Linear Algebra, Multivariate Calculus, Discrete Math, Algorithms, Data Structures, Computer Architecture, Theory of Computation

Research Highlights: Published an original research paper on a novel visual navigation algorithm in the Robotics and Computer Vision Laboratory.

WORK EXPERIENCE

Freelance Developer Sept 2018 - Dec 2020
Self Employed *New York*

- Designed and built custom enterprise client tracking software to client specification using Python and MySQL extensively.
- Contributed to a web app for visualizing investment portfolio returns using Python and Matplotlib.
- Administered client enterprise MySQL and Access databases and provided on demand IT support.

Software Engineer Jun 2017 - Aug 2018
Modrokk *New York*

- Developed a custom Lua/C++ binding for the Bullet Physics Engine.
- Designed, developed, and maintained custom backend modules for the cloud platform.

Software Development Intern Jun 2016 - Aug 2016
55 Capital Partners *New York*

- Developed an enterprise toolset for spreadsheet record linkage of securities positions.

SKILLS

Tools	Python, Git, C, MySQL, L ^A T _E X, HuggingFace, GPT4
Systems	Linux Systems Administration, Shell Scripting, Cloud Computing
Machine Learning	TensorFlow, Scikit-learn, Language Modeling, Document Classification, Data Wrangling, Deep Learning, Regression
Other	Github, Web Scraping, Research