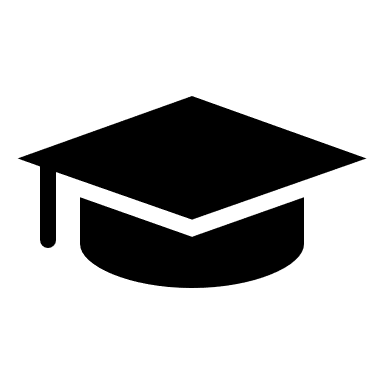
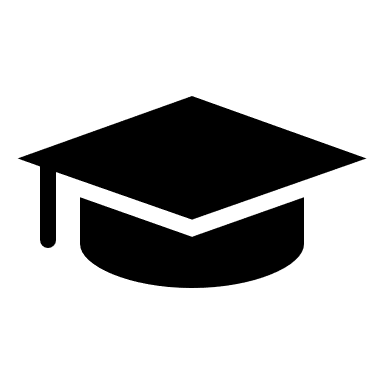
/ɒnna oɹos/ **Anna Orosz** (she/her)

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**Education**

[**University of Pennsylvania**](https://www.college.upenn.edu/) | **Master** of Science in Engineering in **Data Science**  *December 2021*

*Relevant Coursework:* Deep Learning, Artificial Intelligence, Applied Machine Learning, Computational Linguistics, Big Data Analytics, Databases, Statistics for Data Science, Master’s Thesis (NLP Research)



[**University of Pennsylvania**](https://www.college.upenn.edu/) | **Bachelor** of Arts in [**Mathematics**](https://www.math.upenn.edu/) and [**Computer Science**](https://www.cis.upenn.edu/) *December 2021*

*Relevant Coursework:* Algorithms and Data Structures, Computer Architecture, Unix, Python, Graph Theory & Algorithms, Analysis(I+II), Abstract Algebra(I+II), Linear Algebra, Game Theory, Calculus(I+II+III), Language and Automata

**Professional Experience**

**LinkedIn** | **Artificial Intelligence – Machine Learning Engineer** Intern | New York, NY *May 2021 – August 2021*

* TBD

[**MBition**](https://mbition.io/) – Mercedes-Benz Innovation Lab | **Artificial Intelligence** Intern | Berlin, Germany *June 2020 – August 2020*

* Built time series model detecting & classifying data outages among millions of Mercedes-Benz data
* Researched and evaluated state-of-the-art approaches (SARIMAX, LSTM, PROPHET) in *Azure Databricks* with *PySpark*
* Innovated on frontline of automotive world and develop next generation of self-driving Mercedes-Benz automobiles

[**LogMeIn**](https://www.logmein.com/)| **Machine Learning** Intern | Budapest, Hungary *January 2018 – July 2019*

* Developed award-winning NLP Hackathon project for training QA systems using state-of-the-art Deep Neural Networks
  + Won 1st prize Tech Innovation + Audience favorite prize + 2nd place Best Business Value Innovation prizes
* Researched term weighting methods, class hierarchy models facilitating email automation for Top 5 Indian Bank
* Enriched Q&A text corpus in languages (VN, GE, IN, etc.) by building sophisticated web-scraping services for Bold360 AI
* Specialized in Applied Research for **Natural Language Processing,** worked in *Python* with *Keras, Tensorflow, scikit-learn*

[**Facebook**](https://www.facebook.com/careers)| **Software Engineering** Intern | Menlo Park, CA *May 2017 – August 2017*

* Modernized internal client-library tool Hyperloop completing bulk data transfers for Facebook’s Data Scientists
* Overhauled internal tool COPTA for copying directories across *Hadoop Distributed File System* clusters and FB’s data centers
* Engineered detailed *Scuba* tables for Hyperloop and COPTA as (100+ petabytes data)
* Operated with multi-tenancy, network utilization, scheduling, cross-dc connection-pooling in *C++*

[**RapidMiner**](https://rapidminer.com/)| **Software** **Developer** Intern | Budapest, Hungary *May 2016 – August 2016*

* Developed software to make **Data Science** accessible to RapidMiner’s customers
* Built operators RapidMiner Studio designed to process, analyze and alter data locally
* Designed Operators in RapidMiner Radoop - using Spark scripts - to process data on large scale with Apache Hadoop

**Research**

**Persona-based Language Generation** *January 2021 – Present*

* Member of Professor Christopher Callison-Burch’s NLP research lab
* Use GPT-3 and style transfer to force pretrained model to generate languages adhering to a user-defined persona

**Teaching Experience**

**Penn Engineering | Crowdsourcing and Human Computation** Teaching Assistant *January 2021- Present*

* *TA* Networked and Social Systems class (NETS 213)
* Write homework assignments, hold 2x/week office hours and update lecture slides for virtual class sessions

**Penn Engineering | Computational Linguistics** Teaching Assistant *September 2020 – December 2020*

* *TA’d* graduate-level Natural Language Processing class (CIS 530)
* Led weekly recitations, graded programming assignments and conducted oral exams for a class of 70 students

**Proficiencies and Passions**

**Prog. Languages:** Python, SQL, Java, C++, C, Bash/Shell, HTML, CSS, Javascript, OCaml, Assembly Language

**Libraries:** PyTorch, scikit-learn, Keras, TensorFlow, Numpy, Pandas, PySpark, Spark, HDFS

**Languages:** German (Fluent), Hungarian (Native Speaker), French (Beginner)

**Activities & Hobbies:** riding my Piaggio, horseback-riding, bouldering, salsa-dancing, ice-skating & skiing, cinematography