

Ilyana Anderson

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EDUCATION

The University of Texas at Austin

Austin, Texas

M.S. in Computer Science, GPA: 4.00

2022–Current

- Completed coursework: Deep Learning, Advanced Operating Systems, Natural Language Processing, Android Programming, Online Learning and Optimization, Advanced Linear Algebra for Computing, Machine Learning, Case Studies in Machine Learning

University of Houston

Houston, Texas

Ph.D. program in Chemistry, coursework completed without obtaining the degree

2015–2017

- GPA units/credits: 18, GPA: 3.835

Lomonosov Moscow State University

Moscow

B.S. and M.S. in Geology, With Honors

2006–2012

COMPETITIONS AND CERTIFICATES

Stanford Ribonanza RNA Folding (Kaggle) [\[write-up and code\]](#)

2023

60th place, top 8%

6.431x: Probability - The Science of Uncertainty and Data (MITx) [\[certificate\]](#)

2022

CS50W: CS50's Web Programming with Python and JavaScript (HarvardX) [\[certificate\]](#)

2021

CS50x: CS50's Introduction to Computer Science (HarvardX) [\[certificate\]](#)

2021

PROGRAMMING LANGUAGES

- **Python**, C, Kotlin

FRAMEWORKS AND LIBRARIES

- **PyTorch**, **fastai**, Pandas, Numpy, Matplotlib

PROJECTS (FROM COURSEWORK)

- **Deep Learning:** Development of a neural-network-based agent to play SuperTuxKart ice hockey based on principles of imitation learning. The agent was further improved by the dagger algorithm.
- **Natural Language Processing:** Exploration of methods to remove bias from models performing the natural language inference task. [\[PDF of the report\]](#)

EXPERIENCE

Magoosh

Remote

Remote Test Prep Expert

2019–2021

- Tutor for the GMAT, Academic Help for the MCAT, LSAT, GRE, GMAT
- GRE General test results: Verbal 167, Quantitative 167
- GMAT test results: Verbal 47, Quantitative 49, Total 760 (99th percentile)

University of Houston, Chemistry Department

Houston, Texas

Teaching Assistant

2015–2017