

Konstantine Kahadze

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EDUCATION

- **Bachelor of Science**

Majors: Computer Science & Linguistics

Minor: Russian

University of Maryland, College Park

2020-2024

COURSEWORK

- **Computer Science**

- | | |
|---------------------------------|-----------------------|
| – OOP I & II | – Algorithms |
| – Computer Systems | – Introduction to Git |
| – Data Science | – Data Visualization |
| – Org. of Programming Languages | – NLP |
| | – Machine Learning |

- **Linguistics**

- Intro to Linguistics
- Syntax
- Phonology
- Intensive Russian I

- **Related**

- Linear Algebra
- Calculus I & II
- Discrete Mathematics

EXPERIENCE

- **I4C Summer Academy**

Computing Instructor

Scheduled, planned, and aided in the execution 6 weeks of lesson plans for students aged 8 through 17 for the Summer Academy at the University.

Summer 2022

- **The Iribe Initiative for Inclusion & Diversity**

Peer Tutor

Planned, organized and led study sessions, 1:1 tutoring to educate students on general concepts, practice problems, and theories in the computer science.

January 2022 - Present

OPEN SOURCE

- **Open AI Gym Documentation**

Implemented various documentation updates.

Spring 2022

TECHNICAL SKILLS

- **Strong**

Python, Java, C, OCaml, JavaScript, HTML

- **Familiar**

Rust, Ruby, x86 Assembly, PHP, CSS, SQL, React

- **Tools**

Git, Tableau, Jupyter Notebooks, UNIX Environments, MATLAB, LaTeX, Docker, MySQL

PERSONAL PROJECTS

- **Joker AI**

Trained and deployed an AI that can play the complex game of Joker with significant ability. Collected training data through thousands of games of bot self-play.

Python, Rust, Scikit-Learn, Gym

- **NYC Crime Analysis**

Created a tutorial as a part of a group that demonstrates how to clean, prepare, visualize and analyze New York Crime data. This project utilized different machine learning models to predict future crime and compared results to obtain accurate predictions.

Python, Pandas, Scikit-Learn, Matplotlib

OTHER HIGHLIGHTS

- **Spoken Languages**

English (Fluent)

Georgian (Fluent)

Spanish (Limited Working Proficiency)

Russian (Elementary)

- **Delta Sigma Phi Fraternity**

Chair of Diversity and Inclusion

RESEARCH

- **CLIP Undergraduate Research**

Worked on a DARPA funded multi-university project with the goal of building bots to play against humans in the board game Diplomacy. Aided in the migration of the data collection system to a University run server.

Summer 2022 - Present