

# Konstantine Kahadze

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## EDUCATION

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- **Bachelor of Science**

Majors: Computer Science & Linguistics

GPA: 3.17

*University of Maryland, College Park*

2020-2024

## COURSEWORK

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- **Computer Science**

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|---------------------------------|-----------------------|
| – 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

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- **I4C Summer Academy**

Computing Instructor

Scheduled and executed 6 weeks of lesson plans for students aged 14 through 17 for the Computer Science Summer Academy at the UMD.

*Summer 2022*

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

Peer Tutor

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

*January 2022 - Present*

## OPEN SOURCE

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- **Open AI Gym Documentation**

Created and updated various parts of documentation.

*Spring 2022*

## TECHNICAL SKILLS

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- **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, Sphinx

## RESEARCH

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- **CLIP Undergraduate Research**

Worked on a DARPA funded multi-university project with the goal of stabilizing hostilities through arbitration and diplomatic engagement while utilizing Natural Language Processing. ([shade-aie.org](https://shade-aie.org))

*Summer 2022 - Present*

## PERSONAL PROJECTS

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- **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

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- **Spoken Languages**

English (Fluent)

Georgian (Fluent)

Spanish (Limited Working Proficiency)

Russian (Elementary)

- **Delta Sigma Phi Fraternity**

Chair of Diversity and Inclusion