Konstantine Kahadze

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EDUCATION

- **Bachelor of Science**
  Majors: Computer Science & Linguistics
  GPA: 3.1
  University of Maryland, College Park
  2020-2024

COURSEWORK

- **Computer Science**

  - OOP I & II
  - Data Science
  - Org. of Programming Languages
  - Algorithms
  - Introduction to Git
  - Data Visualization
  - NLP
  - Machine Learning
  - Compilers
  - Computational Linguistics

- **Linguistics**

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

- **Related**

  - Linear Algebra
  - Calculus I & II
  - Discrete Mathematics

EXPERIENCE

- **I4C Summer Academy**
  Computing Instructor
  Scheduled and executed 6 weeks of lesson plans for students aged 14 through 17 for the Summer Academy.
  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 - January 2023

OPEN SOURCE

- **Open AI Gym Documentation**
  Created and updated various parts of documentation.
  Spring 2022

TECHNICAL SKILLS

- **Strong**
  Python, Java, C, OCaml, JavaScript
- **Familiar**
  Racket, Ruby, x86 Assembly, HTML, CSS, Rust, SQL,
- **Tools**
  Git, Tableau, Jupyter Notebooks, UNIX Environments, MATLAB, LaTeX, Docker, MySQL, Sphinx

RESEARCH

- **CLIP Undergraduate Research**
  Worked on a DARPA funded multi-university project under Professor Jordan Boyd-Graber with the goal of stabilizing hostilities through diplomatic engagement. Designed an interface to capture user input. Collaborated with a team consisting of researchers at all levels to implement an agent for the game of Diplomacy with generative language models. (shade-aie.org)
  Summer 2022 - Present

PERSONAL PROJECTS

- **Joker Game**
  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. Currently building a website to host human vs AI games to gather information about cooperation and deception. (jokercardgame.com)
  Python, TypeScript

- **NYC Crime Analysis**
  Created a tutorial as a part of a group that demonstrates how to clean, prepare, visualize New York Crime data.
  Python

OTHER HIGHLIGHTS

- **Spoken Languages**
  English (Fluent)
  Georgian (Fluent)
  Spanish (Limited Working)
  Russian (Limited Working)