

ULIANA ZAVALOVA

+1 (628) 267-9280 | uliana@uni.minerva.edu | San Francisco, CA, USA

EDUCATION

Minerva University

September 2022 - June 2026

Bachelor's, Computer Science and Psychology Double Major

- Took classes on data structures and algorithms, Calculus, Linear Algebra, Web Development, and AI
- Developed multiple applications as a part of the program, including:
 - A minimax algorithm with alpha beta pruning to suggest best moves in the game of checkers
 - An A* search-based algorithm to solve the 8-puzzle
 - A webpage with an infinitely nested To-Do list, with React frontend and Flask backend
 - As a member of a team, a web application that uses Gemini's API to provide actionable feedback in academic contexts

Soft Skills Lab

November 2021 - August 2022

Certification, Communications

- Received three months of individual training in effective communication, business analysis, and problem-solving
- Received three months of group training in conflict resolution

PROFESSIONAL EXPERIENCE

Harvard University

Remote

Research Assistant

October 2024 - Present

- Developed a Python algorithm to cut videos based on JSON timestamps, 3x speeding up processing of the videos
- Read and discussed recent papers on cognitive development
- Calculated descriptive statistics with visualisations using R
- Contributed to eliminating bias in data analysis
- Proposed changes to the analysis process, speeding it up 2x

Minerva Psychology Lab

San Francisco, CA, USA

Research Assistant

July 2024 - August 2024

- Lead a team of four people designing experiments
- Designed studies to be run at Dolby Lab
- Run participants at Dolby
- Participated in creating Lab's infrastructure

Private Consultant

Berlin, Germany

Psychology & Science of learning consultant

February 2024 - April 2024

- Consulted a psychologist working with juvenile prisoners on the science of learning, existing research on prisoner treatment, and mental health interventions
- Developed interventions to assist with inmate education that were successfully implemented

Individual Entrepreneur

Remote

English Tutor

June 2021 - September 2023

- Taught over 50 students, individually and in groups
- Developed over 30 individualized curriculums

SKILLS

Skills: Human Subject Research, Data Analysis, AI, Data Science, Data Structures & Algorithms, Web Development, Jupyter, Python, Pandas, NumPy, React.js, Flask, Docker, SQL, Prolog, R, CI/CD, Hubspot, Postgres, Agile, JIRA, Node.js, SCRUM, Adobe After Effects, Software Testing, Digital Ocean, Asana, Operating Systems