

# Keyan Rahimi

## Software Engineer

### Profile

An Ivy league educated CS & Cog-Neuro student from Mississippi, with experience in LLMs, applications of AI, neural networks, and deep learning. Multiple years of programming experience in a variety of languages and platforms. Lives by the ideals of optimism, collaboration, and creativity.

### Work Experience

#### Undergraduate Researcher

Jan 2024 - Present | AI Predictive Analytics Lab

- Published paper using neural networks to denoise brain images
- Studied and modeled LLM architectures for survey paper
- Reviewed submissions for peer-supported AI research journal

#### Software Developer Intern

Summer 2022 & 2023 - 2024 | Potentia Analytics

- Developed an enterprise healthcare app used by 350+ clinics
- Engaged in communication with clients alongside the PM
- Applied AI model to improve patientflow in emergency rooms

### Leadership Experience

- Alpha Delta Phi Literary Society President (2024-Present)
- Brown Table President (2023-Present)
- Brown Computer Science DUG Officer (2023-Present)
- Brown Esports Committee Head (2022-Present)
- Robotics Team Head Programmer & CAD Designer (2018-2020)

### Relevant Courses

#### Computer Science:

- Deep Learning
- Computational ML
- UI/UX
- Computer Systems
- Data Structures & Algorithms
- Object-Oriented Programming
- Ethical CS In Practice
- Ethics in Big Data

#### Math:

- Statistical Inference
- Discrete Structures & Probability
- Linear Algebra
- Multivariable Calculus

### Achievements

- Hack@Brown Winner, HackHarvard Honorable Mention (2024)
- MIT iQuHack Quantum Hackathon Winner (2021)
- BEST Robotics National, Regional, & State Champion (2019)
- National Subject Finalist: 6th in Science & Social Studies (2019)
- Profesional-level Violin Performer (2015-present)
- Competitive Chess Player & State Champion (2017-present)

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### Education

#### Brown University

8/2022 - 5/2026

Computer Science B.S

Cognitive Neuroscience B.S



#### MS School for Math Science

8/2020 - 5/2022

#6 Public High School in the U.S

ACT: 35

### Skills

- Python, Java, C/C++/C#
- Tensorflow, Pytorch, Keras
- HTML/CSS, Docker, JAX, Git
- React, Node JS, Django, Vue
- Visual Studio/VS Code, IntelliJ
- Adobe Suite, Resolve, Unity

### Projects

- MRI Denoising with AI Paper
- Neural Network Education Website
- Webapp to Screen for Alzheimer's
- Redesign for Y Combinator Startup
- Simulated Interactive Website

### Languages

- English
- Spanish
- Farsi

