

Micah Kepe

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Education

Rice University, Houston, TX

May 2026

Bachelor of Science in Computer Science, Minor in Data Science

GPA: 3.95/4.0

Relevant Coursework: Computational Thinking, Multivariable Calculus, Algorithmic Thinking, Linear Algebra, Fundamentals of Computer Engineering, Introduction to Program Design, Practical Machine Learning for Real World Applications, Probability and Statistics, Introduction to Computer Systems, R for Data Science, Tools for Data Science

Professional Experience

ML Research Intern, Vislang Lab, Houston, TX

February 2024 – Present

- Working under Dr. Vicente Ordóñez at Rice University to developing features for the Vislang platform in the areas of machine learning, natural language processing, and computer vision.
- Building web demonstrations of the lab's published research and models to showcase findings.

Software Developer, King Energy, Durango, CO

June 2023 – August 2023

- Built an internal admin tool with a user-friendly UI, improving document classification and management efficiency.
- Developed back-end RESTful infrastructure, enabling seamless integration with Google Drive, Prisma, Salesforce, enhancing system interoperability.

Projects

New York City Car Crash Analysis

February 2024 - April 2024

- A collaborative project to create meaningful visualizations and models to understand the factors that contribute to car crashes in NYC and provide data-driven proposals for policymakers.

Artist Emulator LSTM

July 2023 - August 2023

- Developed a deep learning model for generating music in the style of a given artist, using LSTM networks and MIDI Bach composition files.

Personal Website

June 2023

- Developed a dynamic personal website using React and NodeJS to showcase projects, provide contact information, and deliver an immersive user experience.

Leadership and Activities

Baker Academic Mentor, Rice University, Houston, TX

August 2023 – Present

- Provide academic assistance for computer science courses through review sessions, office hours, and individual tutoring.

Technical Skills

Programming Languages: Python, Java, JavaScript, TypeScript, C, SQL, R

Web Development: HTML, CSS, React, React Native, NestJS, Nest.js

Machine Learning: TensorFlow, PyTorch, Pandas, NumPy

Tools and Technologies: Unix, Git, Firebase, LaTeX, RegEx, Prisma