

Micah Kepe

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Education

Rice University, Houston, TX

Expected December 2025

Bachelor's 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

Research Intern, Vislang Lab, Houston, TX

February 2024 – Present

- Aiding in migration of research demos to open-compute platforms and developing new features for the Vislang platform.

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

AutoNote

October 2023 - Present

- Co-founded a mobile application leveraging AI to auto-generate concise meeting or lecture notes for students and professionals.

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.

Jazz Musician, Rice University, Houston, TX

August 2022 – Present

- Perform with a small jazz ensemble at various events, playing tunes from the Great American Songbook.

Skills

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

Software/Libraries: Unix, Git, Vim, HTML, CSS, Tensorflow, Pandas, Numpy, PyTorch, KiCad, React, React Native, NestJS, Firebase

Computer Skills: LaTeX, Regex, Microsoft Office Suite