

# Micah Kepe

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## Education

**Rice University**, Houston, TX

May 2025

Bachelors in Computer Science, Minor in Data Science

*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

GPA: 3.93/4.0

## Professional Experience

**Software Developer**, Durango, CO

June 2023 – August 2023

King Energy

- Built internal admin tool with user friendly UI to allow for more efficient document classification and management.
- Developed back-end RESTful infrastructure complete with Swagger documentation for interfacing with Google Drive, Prisma, Salesforce, and more.

## Projects

**AutoNote**

October 2023 - Present

- Co-founder of mobile application for using AI tools to auto-generate concise meeting or lecture notes for students and professionals.

**Artist Emulator**

July 2023 - August 2023

- Developed a deep model for generating music in the style of a given artist. The model was trained using a recurrent neural network (RNN), more specifically a LSTM model, and a large data set of MIDI Bach composition files.

**Personal Website**

June 2023

- Developed modern dynamic personal website utilizing React and NodeJS to showcase projects, provide contact information, and deliver an immersive and unique user experience

## Leadership and Activities

**Baker Academic Mentor**, Houston, TX

August 2023 – Present

Rice University

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

**Jazz Musician**, Houston, TX

August 2022 – Present

Rice University

- Perform with small jazz ensemble group at various events and concerts throughout the year, playing tunes from the Great American Songbook

## Skills

**Programming Languages:** Python, Java, JavaScript, TypeScript, C

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

**Computer:** Microsoft Word, PowerPoint, Excel, LaTeX, Regex