Micah Kepe

micahkepe@gmail.com | LinkedIn | GitHub

Education

Rice University, Houston, TX May 2026
B.S. 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

El Camino Real Charter High School, Woodland Hills, CA June 2022
Awards: Salutatorian, National Honor Society, Mu Alpha Theta, Physics Club
ACT: 36, SAT: 1550
GPA: 4.43/4.0

Professional Experience

Software Developer, Durango, CO June 2023 – August 2023
King Energy

- Helped build internal admin tool with user friendly UI to allow for more efficient document classification and management. Also worked on a web app to allow for easier access to documents and data.
- Learned principles of Full-Stack web development 1-on-1 from team of highly experienced software developers, as well as Vim, Git, React, JavaScript, NestJS, Prisma, HTML, Tailwind CSS, and more

Projects

Artist Emulator July 2023 - Present

- Developing a deep model that can generate music in the style of a given artist. The model is trained using a recurrent neural network (RNN), more specifically a LSTM model, and a data set of MIDI files.

Personal Website June 2023

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

Custom-Voice Personal Assistant May 2023

- Created customizable personal assistant by implementing Python and a user-friendly GUI interface. Leverages OpenAI API and ElevenLabs API to provide users a personal assistant with a custom voice, such as a celebrity, that can respond to their written or spoken queries.

Leadership and Activities

Avionics Team Member, Houston, TX August 2022 – Present
Rice ECLIPSE

- Collaborated with a team of 7 to create hardware and software for an automatic recovery system for a self-correcting parachute delivery system for eventual use in the Argonia Cup competition.
- Worked in a team of 12 to integrate a two-way radio system between the ground station and an in-flight rocket.

Skills

Computer: Microsoft Word, PowerPoint, Excel, LaTex, Regex
Programming Languages: Python, Java, JavaScript/ TypeScript, C
Software: Unix, Git, Vim, HTML, CSS, Tensorflow, KiCad