Micah Kepe

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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

- Continuing development on the front end of Sparky, King Energy's solar monitoring website for facilitation of hundreds of commercial solar sites
- Learned principles of Full-Stack web development 1-on-1 from team of highly experienced software developers, as well as Vim, Git, React, JavaScript, NodeJS, Bash/Zsh, HTML, CSS

Projects

Personal Website — June 2023 - Present

- 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 a customizable personal assistant by implementing Python and a user-friendly GUI interface
- Leveraged OpenAI API, ElevenLabs, and the SpeechRecognition library to enable the assistant to respond to users' spoken queries and/or generate AI-inspired images in the user's ElevenLabs-generated voices

Leadership and Activities

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

- Developed Python software to analyze IMU sensor data, converting the data to determine rocket position in Excel spreadsheets
- 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
Programming Languages: Python, Java, JavaScript, C
Software: Unix, Git, Vim, HTML, CSS, Tensorflow, KiCad