Kevin Kuo
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EDUCATION

University of Maryland, College Park
B.S. Computer Science & Mathematics
*Gemstone Honors College
*CS Departmental Honors
Aug 2017 - May 2020

Thomas Jefferson High School for Science and Technology
May 2017

SKILLS

CodeSignal score: 814 (top 1%)
Proficient in Python, Java, C, Ruby, OCaml, Matlab, HTML, CSS, JS, SQL

POSITIONS

Team AIMAR • umd-aimar.com
AIMAR is an undergraduate research team whose goal is to combine machine learning and human-robot interaction to improve healthcare quality and accessibility.

CMSC216 Teaching Assistant
Introduction to Computer Systems: Leading discussion sections, holding office hours, and grading projects/exams.

CMSC132 Mentor
Object Oriented Programming II: Tutoring students and holding office hours.

PROJECTS

Human Gait Recognition • Python
Uses OpenCV and machine learning to analyze treadmill video data from the OU-ISIR Gait Database.

Cadence • *Web
• **imkevinkuo.github.io/rhythm**
Transcribes user tap rhythms.

Taskmaster • Python, *Web
• **imkevinkuo.github.io/travian**
Uses TKInter GUI and Selenium APIs to automate Travian, an online persistent strategy game.

UMD Planner • Python, SQL, *Web
Extracts UMD course data and checks fulfillment of General Education requirements. It uses a Flask backend hosted on PythonAnywhere.

Elementals • Java, *Web
• **imkevinkuo.github.io/elementals**
Uses Minecraft and Spigot APIs to create a server-side plugin with combat content.

*Web application that uses one or more of: HTML, CSS, JS.