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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 aim 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 papers.

CMSC132 Mentor

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

PROJECTS • github.com/imkevinkuo

Human Gait Recognition • Python

Uses OpenCV and various data science libraries to analyze treadmill video data from the OU-ISIR Gait Database.

4 Year Planner • Python, Sheets

Scrapes UMD course data into a Google Sheets planner for Gemstone CS/Math majors.

Elementals • Java, HTML, JS, CSS

• imkevinkuo.github.io/elementals

Uses Minecraft and Spigot APIs to create a server-side plugin with combat content.

Taskmaster • Python, JS

• imkevinkuo.github.io/travian

Uses TKInter GUI and Selenium web APIs to automate Travian, an online persistent strategy game.

Cadence • HTML, JS, CSS

• imkevinkuo.github.io/rhythm

Transcribes user tap rhythms.