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## EDUCATION

### University of Maryland, College Park

B.S. Computer Science

B.S. 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.

### Teaching Assistant

CMSC216: Introduction to Computer Systems, Spring 2019

### Academic Peer Mentor

CMSC132: Object Oriented Programming II, Fall 2018

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## 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

• imkevinkuo.pythonanywhere.com

Pulls 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

A server-side plugin that uses Minecraft and Spigot APIs.

\*Web: a feature website/application that uses one or more of: HTML, CSS, JS.