

**Kevin Kuo** *imkevinkuo.github.io* • kvkkuo@gmail.com • 571-395-6570

Undergraduate student with a solid foundation in coding, proof-based math, and logic.  
Seeking to use strong programming and communication skills to assist in applications of data science and software development.

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## EDUCATION

**University of Maryland, College Park** • Expected May 2020

- B.S. Computer Science, B.S. Mathematics, 3.85 GPA

**Thomas Jefferson High School for Science and Technology** • May 2017

## EXPERIENCE

**Team AIMAR** (Artificially Intelligent Medical Assistant Robot)

- Responsible for developing diagnosis algorithms for skin images and EEGs, as well as enabling the robot to communicate with the IBM Watson cloud service.

**CMSC216 Teaching Assistant** • Spring 2019

- Required lower level course on C, UNIX, and Assembly.
- Responsible for teaching a discussion section of 40 students.
- Spent 9 hours per week holding office hours, teaching, and grading.

**CMSC132 Mentor** • Fall 2018

- Required lower level course on Java and Object-Oriented Programming.
- Held 4 office hours a week, helping students 1-on-1 with projects and questions.

## SKILLS

- **Proficient with** Python, Java, C, OCaml, R, HTML, CSS, JS, SQL, LaTeX.
- **Familiar with** Ruby, Rust, Matlab, UNIX, AVR Assembler, Git.
- **CodeSignal Certified Score** of 827 / 850.

## PROJECTS

**Human Gait Recognition** • Python (OpenCV, Numpy, Matplotlib, sklearn)

- Processes data from OU-ISIR Gait Database and plots various findings.
- Classifies subjects with 90%+ accuracy from a set of 34 candidates.

**UMD Planner** • Python (Flask)

- Helps users create academic plans and check General Education requirements.

**Elementals** • Java, HTML, CSS, JS

- A server-side Minecraft plugin that adds role-playing and combat content.

**Cadence** • HTML, CSS, JS

- Helps users transcribe music by processing tap rhythms.

**Web Automation** • Python (TKInter, Selenium), JS

- Two tools for Travian, a browser strategy game, that automate game tasks.

\*Project links can be accessed from *imkevinkuo.github.io*.