

## EDUCATION

**University of Maryland, College Park**  
B.S. Computer Science, B.S. Mathematics

Expected May 2021  
College Park, MD

## SKILLS

- Python, Java, C, OCaml, R, LaTeX, Matlab, Ruby, Rust, AVR Assembler, SQL, HTML, CSS, Javascript, Git, UNIX.
- **CodeSignal certified score** of 827 / 850.

## EXPERIENCE AND PROJECTS

**Amazon SDE Intern** (Herndon, VA)

**Jun - Aug 2019**

- Software development engineer internship at Amazon.

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

**Aug 2017 - Present**

- 4 year research program with the Gemstone Honors College at UMD.
- Developing diagnosis algorithms for skin images and EEGs.
- Programming a robot to communicate with IBM Watson cloud service.

**Human Gait Recognition** • Python

**Aug 2018**

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

**Interment Cemetery Analysis** • R

**May 2019**

- A project on scraping, visualizing, and modeling Maryland cemetery data.

**Elementals** • Java

**Aug 2018**

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

## OTHER EXPERIENCE

**Teaching Assistant**

**Aug 2018 - Present**

- Responsible for holding office hours, teaching discussion sections, and grading assignments for the following courses:
- CMSC216: Undergraduate course on C, UNIX, and Assembly.
- CMSC132: Undergraduate course on Java and Object-Oriented Programming.

\*All projects use HTML/CSS/JS can be accessed from *imkevinkuo.github.io*.

\*All project dates indicate last update.