# KEVIN YEUNG

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## EDUCATION

**University of Vermont, Burlington** *August 2017 - Present*
Bachelors and Accelerated Masters in Computer Science

## ABOUT ME

Full time computer science student at University of Vermont. I have experience working in industries including health, tech, and business through part-time jobs and shadows. I am currently working on finishing my undergrad and getting A+/Network+/Security+ certified.

## WORK EXPERIENCE

**University of Vermont** September 2019 - Present
*Teaching Assistant*

- T.A. experience with: Python, Java, C++, Advanced Cyber-security, Robotics/Raspberry Pi. Assisted professors in providing students with extra material and help on coursework. Held weekly tutoring sessions in provided offices and provided lecturers with feedback based on performance. Collaborated with other teaching assistants and directed in-class coding labs.

## PROJECTS

**Leap Motion ASL Tutor**
The project aims to provide a user friendly graphical interface that uses the Leap Motion API. The python GUI takes 3D positional coordinates of the points of a user's hand and teaches them how to gesture numbers, letters, and words in sign language.

**Block Bounce**
In a team of three, a graphics-based runner was created in C++ using openGL and glut. Users are provided with an elegant menu where they may choose the map they wish to play on. The game consists of multiple randomly generated walls which the user's character must avoid. The dynamic difficulty and ever changing background provides users with an entertaining experience.

**Swarm Seek**
Using a physics engine provided by Dr.Josh Bongard, a population of robotic beings were evolved play a game of hide and seek. This project is currently ongoing.

## TECHNICAL STRENGTHS

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| **Languages** | Python, Java, C++, C, Swift, HTML, JS, PHP, SQL, Haskell, LUA |
| **Systems** | Latex, Windows, Mac OS, Linux, Kali Linux |
| **Tools** | PyCharm, Blender, Adobe Primere, Adobe Photoshop, Sony Vegas, OBS |

## EXTRA CURRICULAR

- Assisted in running trigger-based particle simulations at CERN in 2019
- Contributed to the development of a surveillance system at Lockheed Martin in 2018.
- Facilitated speech rehabilitation exercises at Northwestern Medical Center in 2017.