

# HUDSON YEUNG

Cell: (732) 986 8388 • hudsonyeung2000@gmail.com • <https://YeungHudson.github.io>

## Education

---

### Rutgers University-Newark

Bachelor of Arts in Computer Science, Minor in Mathematics

May 2019

## Experience

---

### Master Garden Products — Web Developer Intern

May 2019 - August 2019

- Developed user interface for an alternate site for DIY customers
- Used Magento, PHP and JavaScript to maintain retail website

## Projects

---

### League AI — Python, Tensorflow/OpenCV

May 2019 - Present

- Building an AI that can play League of Legends and attempt to win the game
- Trained model to recognize in game character “Vayne” with 70 % accuracy

### Exam Simulator — HTML, CSS, JavaScript, SQL, PHP

January - April 2019

- Collaborated with classmate to make a teacher/student portal for exams
- Teachers can administer and grade tests while students can review and take tests
- Worked as both the frontend and backend lead
- Implemented an autograder that provides auto and manual feedback
- Utilized OpenAFS and github to organize pages and work

### Kernal Module — C

December 2018

- Developed a kernel module that calls a custom system call at the booting stage of a kernel

### Simple Compiler — C++

December 2018

- Created a lexical analyzer, parser, and interpreter
- Able to compile and check for errors within the syntax
- Recognizes string literals, integer constants, comments and a few keywords

## Technical Skills

---

Languages: Java (prior experience), Python, JavaScript, SQL, PHP

Markup: HTML, CSS, SASS,  $\text{\LaTeX}$

Technologies: Eclipse, Visual Code, Visual Studio, Git, Vim

## Interests

---

Quantum computing, AI, Cooking, Streaming