

HUDSON YEUNG

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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

<https://github.com/YeungHudson/LeagueAI>

- 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

<https://github.com/YeungHudson/exam-sim>

- 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

<https://github.com/YeungHudson/kernalCall>

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

Simple Compiler — C++

December 2018

<https://github.com/YeungHudson/mini-compiler>

- 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, \LaTeX

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

Interests

Quantum computing, AI, Cooking, Streaming