

# JERRY YANG

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A hardworking student who aspires to major in both Computer Science and Finance. Currently seeking to gain lots of job/internship experience, whether it is over the Summer of 2020 or during the semester

## Skills

### LANGUAGES

Python  
Java  
HTML  
JavaScript  
SQL  
C  
Haskell  
R  
Assembly  
Prolog  
MATLAB

### MICROSOFT OFFICE

Microsoft Excel  
Microsoft Access  
Microsoft Word  
Microsoft PowerPoint

### PROGRAMS/PLATFORMS

Visual Basic  
Macromedia Flash  
Photoshop  
RStudio  
Android Studio  
JavaFX  
Pygames  
OpenCV  
Pygames

## Awards

Rutgers University ·  
Rutgers University  
Scarlet Scholarship  
Award given to students  
completion of  
highschool/college academic  
program with a strong  
academic level of  
achievement.

Sept.  
2016

## Education

Rutgers University, New Brunswick  
Bachelors Computer Science 2021  
Bachelors Finance 2021

Current

CS Coursework: Data Structures, Software Methodology, Computer Architecture, Principles of Programming Languages, Management Info Systems, Numerical Analysis Computing  
Finance Coursework: Financial Management, Global Capital Markets, Financial and Managerial Accounting

Study Abroad: Ritsumeikan University, Japan

July 2018

## Projects

Riichi Mahjong Simulator

Current

Using Python with the pygame package, I am currently recreating a popular strategy game played in Japan which involves building a hand (more expensive hands take longer to build) in which four players compete to win the round. The other three players will be simple AIs that discard will make the the most obvious discards on the surface.

Anime Face Recognition

Current

Project to assist with becoming familiar with computer vision. Using Python with OpenCV, I am currently trying to get the computer to see faces in anime photos, remembers the face, and then will be able to recognize them to some extent in later images.

Pizza Ordering System

Apr. 2020 to Apr. 2020

Using Java's abstract classes as well as Polymorphism, I developed a GUI using JavaFX which enabled the users to order Pizza from a Pizza Store. The user is able to choose from the menu as well as build their own from the various topping choices given to the user. When finished, the user is able to open their order on a separate window and proceed to confirm their order, go back to the menu, or clear the order entirely.

BMI Calculator

May 2020 to May 2020

Developed an Android App through the use of Android Studio. It calculates the BMI and gives proper advice based on on the Department of Health and Human Services. The app allows users to enter their weight and height in either customary or metric units. The activity will then shift depending on whether or not the user wants advice from the app.

Cache Simulator

Apr. 2019 to Apr. 2019

Created a Cache simulator using C, simulated an L1 cache using the Least Recently Used(LRU) replacement algorithm, and included an option to incorporate prefetching

You can see more projects here! <https://pasuparepopipa.github.io/>

## Employment

Rutgers New Brunswick IT Services

ITS Technician

June 2017 to Current

Provides IT support to various departments within the New Brunswick Chancellor's office  
-Supported and troubleshooted Windows, macOS, and mobile devices. Deployed images with the latest version of OSs and kept users up to date through script updates.  
-Utilized remote assistance and remote desktop for softwares including but not limited to MS Office, web browsers and development, and Adobe.  
-Went on various forms of Field Work to assist different departments. Ranges from computer upgrades and replacements to site surveys related to ports and servers.

Huaxia Edison Chinese School

Teacher Assistant

2013 to 2015

A school dedicated to teaching students the Chinese language 2013-2015  
-created and managed website through WordPress to help run the class more efficiently  
-managed some of the more technical aspects of notes creating of the class using Microsoft Office and other tools.  
-helped take over lecture when necessary

Japanese Visual Culture Association

Treasurer and Webmaster

2017 to 2019

Organization at Rutgers that aims to spread knowledge and enjoyment about Japanese culture. 2017-  
-Apply for allocations and organized money to use in programs for the organization  
-coded and created Visual Novels for the club through the use of Python for specific occasions  
-helped manage the organization website through the use of HTML and JavaScript