

# 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

## 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

### Pizza Ordering System

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

Developed an Android App through the use of Android Studio. It calculates the BMI and gives proper advice based 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

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

### Mini Search Engine

Created a little search engine in Java. It takes a set of text documents and finds indexes and keywords into each of their own hash tables, merging them into a master Hash Table with the key words and can return the top five keywords that occur the most.

### Programming Style Project

Utilized Haskell, Prolog, and Python and created a series of programs to get a feel of different kinds of programming. Includes but is not limited to Functional, Logical, as well as Dynamic Programming.

### Bomb Lab

Utilized the x86 IA32 ISA and defused a series of "bombs". Deciphered the code in Assembly and figured out a series of specific inputs in order to defuse the "Bomb".

## Work Experience

### 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 organize money to use in programs for the club  
-coded and created Visual Novels for the club through the use of Python for specific occasions  
-helped manage the club website through the use of HTML and JavaScript