

YEUK YU LEE

☎ +1(646) 321-3377 ✉ yeukyul@andrew.cmu.edu

EDUCATION

CARNEGIE MELLON
UNIVERSITY

Class of 2018

Major: STATISTICS BS

Minor: COMPUTER
SCIENCE

GPA: 3.83/4.0

Dean's List
High Honor

RELATED COURSEWORK

Statistics: Statistical Modeling,
Moern Regression,
Graphics / Visualization
Statistical Computing
Data Mining **,
Data Sampling**,
Text Analysis

Computer Science:
Imperative Programming
Functional Programming
Computer System *
Programming in Gadgets**

PROGRAMMING LANGUAGES

R
PYTHON
SQL
HTML/CSS/JS
JAVA
C

SKILLS

R Studio, GIT, Boot-
strap, Adobe Illustrator,
Photoshop, LaTeX

PROJECTS AND RESEARCH

GGPLOT IN R: SOFTWARE DEVELOPMENT**

Spring 2017

Independent study that aims at developing an exntetion to existing R graphing package GGPLOT2, creating new plotting feature for linear regression model. The study will be conducted under the supervision of Statistics Professor Sam Ventura.

CUSTOMIZABLE BLOG: WEB DEVELOPMENT

Fall 2016

A 2-person ongoing web development project that aims at developing a highly customizable webpage that allows user to publish article and photos online. The webpage is powered by HTML, CSS, JavaScript, and Djangos.

DATABASE BUILDING

Summer 2016

Participated in summer course hosted by Harvard University, which concluded with a relational database building project for a fictional wholesaler using PHP MyAdmin and mySQL.

TWINS PARADOX: PYGAME

Spring 2015

Built an interactive game that involves driving spaceship using Python and the Pygame module. The game includes randomly-generated maze algorithm, autosolving, and 3D visualization. The end product is delivered as a term project of the course Fundamentals of Programming and Computer Science.

WORK

PROGRAMMER

Fall 2016 - Present

SARA PROJECT IN ARTICULAB

Working to build a virtual assistant that interacts with human user, peronalizing response and improving task performance by analysing prior interaction. Job deatil includes coding experiment and recording user responses.

COMPUTER SCIENCE TEACHING ASSISTANT

Fall 2015 - Present

Teaching assistant of the course 15-112 Fundamentals of Programming and Computer Science, which is rated by Bloomberg as one of the 5 best CS courses in nation. Duties involve teaching in various group sizes from 3 - 200, grading papers, and mentoring students.

ACTIVITIES

SAMSI STATISTICS RESEARCH WORKSHOP

Fall 2016

Undergraduate workshop hosted by Statistical and Applied Mathematical Sciences Institute in Durham, NC.

The workshop invites researchers from Astrophysics to present their studies and illustrate use of Gaussian method in building prediction models.

SOCIAL CONSTRUCTIONISM RESEARCH

Fall 2014

An qualitative social science indepdent research on anti-immigrant sentiment in France so to dissect affect of social constructionim.

The research was selected and presented in an undergraduate colloquium.

** Classes and Projects that will bgein in Spring 2017