(440) 334-6303

graceanw@andrew.cmu.edu

Education

CARNEGIE MELLON UNIVERSITY: EXPECTED GRADUATION DATE- MAY 2018

Bachelor of Science in Statistics and Machine Learning

Relevant Coursework

10-601: Introduction to Machine Learning	15-351: Algorithms and Advanced Data Structures
36-401: Modern Regression	36-402: Advanced Data Analysis
36-225: Introduction to Probability Theory	36-226: Statistical Inference
36-315: Statistical Graphics and Visualization	36-350: Statistical Computing
15-112: Fundamentals of Computer Science	15-122: Principles of Imperative Computation

Experience

Research

CARNEGIE MELLON UNIVERSITY | RESEARCH ASSISTANT | 2015-PRESENT

At the Human Computer Interaction Institute, tasks include cleaning raw data, extracting data features, and creating UIs for further extraction of features. Research is concerned with predicting binge drinking behaviors from smart phone usage, behaviors of college students, and publication patterns in the HCI community.

UNIVERSITY OF STUTTGART | RESEARCH ASSISTANT | 2016

Applied machine learning algorithms to images in order to classify behavior on touch screens. Streamlined code base to improve development practice.

Extracurricular Activities

CARNEGIE MELLON UNIVERSITY VARSITY SWIM TEAM: 2014-PRESENT

Dedicating 20+ hours per week for practice, competition, and volunteering.

FIRST-YEAR PEER MENTOR: 2015-2016

Served as a mentor to first year students in Dietrich College of Humanities and Social Sciences along with one co-mentor, in order to acclimate new students to college academics.

FIRST-YEAR STUDENT AMBASSADOR: 2015-2016

Served as a role model and mentor for first year student dormitory students.

Skills

Python, R, Java, Minitab Statistical Software, Photoshop, InDesign