

Michael Wu

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Goal

To Obtain research position in relation with or have application in fields such as Data Science, Computer Science, and Engineering

Education

SCHOOL:	Pasadena City College (PCC) - 2014 - 2017 University of Michigan Ross School of Business (Online) - 2016 - 2017 University of California Berkeley - 2017 - present
GPA:	Pasadena City College: 4.00 Berkeley: 3.54
Relevant Coursework:	Pasadena City College Introduction To Business, Survey of Computer Technology in Business, Introduction to Object Oriented Programming C++ University of Michigan Inspiring and Motivating Individuals, Managing Talent, Influencing People, Leading Teams UC Berkeley: Data Simulation with Python Programming, The Structure and Interpretation of Computer Programs (CS61A), Design Information Devices and System I (EE16A), Foundation of Data Science (Data8), Web Data Visualization, Hands-On Electronics Decal, Data Science Decal by Machine Learning at Berkeley

Technical Highlights

Proficient	Python, Java, Full Stack Web Development(HTML, CSS, Jekyll, Bootstrap), Numpy, Matplotlib, Pandas
Familiar	PHP, Javascript(including Ajax), Keras, Git,, C++, Seaborn

Selected Accomplishments/Projects

Benjamin A. Gilman International Scholarship	Berkeley, CA - Jan 29
<u>Recipient</u>	- Awarded by the US Education department to study/intern abroad in Dublin, Ireland
Image Classifier(Cat or Dog?)	Berkeley, CA - Nov 2017
<u>Project Lead</u>	- Worked with a dataset of 6500 images of various kinds of dogs and cat to create a classification model - Used Convolutional Neural Network(CNN), Keras, Matplotlib and Sklearn PCA.
School Finance System Analysis And Sentiment Analysis on IMDB movie Review	Berkeley, CA - Oct 2017
<u>Project Lead</u>	- Used Panda, Numpy, and Sklearn to clean, organize and analyze data, using methods such as linear regression and logistic regression. - Used matplotlib and seaborn to visualize data - Later learnt about using Sklearn to generate GridSearch, Decision Tree and Neural Network in the CS 198

Pioneer in Engineering Website Renovation and Event Planning

Berkeley, CA - Oct 2017

- Web Dev & Edu Member - Used Jekyll, HTML, CSS and Javascript to update multiple web pages
- Helped carrying out the Fall Competition by working at Tools Checkout
- <https://pioneers.berkeley.edu/>

Optical Character Recognition(OCR) Application

South Pasadena, CA - August 2016 - May 2017

- Project Member - Worked in groups of 4 students to develop an Android OCR Application that read in handwriting and print it out.
- Responsible for planning the overall architecture of the program and connecting members' work

South Pasadena High School Badminton Team 2017

South Pasadena, CA - January 2015 - June

- Founder/Captain - Worked with the South Pasadena Unified District and South Pasadena High school administration for over 2 years to start a new sport program
- Organized sit-ins, parent meetings, petitions throughout the process
- Wrote a program that automates recording and generating results for tryout

Chinese New Year Gala Path To College Workshop Financial Aid Workshop

South Pasadena, CA - Feb 7, 2014

South Pasadena, CA - Jan. 25, 2015

South Pasadena, CA - Jan. 24, 2016

- Main Organizer - Responsible for planning fundraisers, finding sponsors and publicizing/promoting event.
- Events attracted around 300 audiences from around the district and were reported by worldJournal.com, mmgpmmedia.com, and the New Era TV News.

Working Experience

Equal Pay Company

Los Angeles, CA - Jan 2018

- Intern Developer - Coded customized web survey (project cannot be disclosed due to non-disclosure agreement), including both backend and frontend.
- Used Amazon Web Service(AWS), PHP, Javascript, CSS, HTML, and Redis.

Pasadena Ronald McDonald Charity House (PRMH)

Pasadena, CA, April 2016 - 2017

- Intern Event Specialist, - Organizing fundraisers and publicize events
- Coordinating 2017 Walk for Kids

Star Badminton Academy

El Monte, CA, 2014 - 2017

- Intern Coach - Teach the fundamentals of badminton to kids under the age of 10 in groups of 10 to 15 students.