

Michael Wu

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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

Entrepreneurs @ Berkeley	Berkeley, CA -Feb 16 - Current
<u>Founder/Board of Director</u>	<ul style="list-style-type: none">- Our mission is to provide a platform for students to exchange ideas, to find potential partners, and to understand the start-up development process and launch their potential businesses.- In charge of Website development and maintenance, connecting with the Sutardja Center for Entrepreneurship and Technology and other organizations.- Please check us out at https://entrepreneuratberkeley.github.io/homepage/
International Society for Pharmaceutical Engineering Hackathon Finalist	Berkeley, CA - Feb 4
<u>Team Lead</u>	<ul style="list-style-type: none">- Worked in a team of 4 over 36 hours to prototype device that addresses medical issues.- Made a fetal kicking sensing device by using EMG, Arduino, Processing 3.3.0.- Made a front end for better UI experience using Android Studio and JAVA.
Benjamin A. Gilman International Scholarship	Berkeley, CA - Jan 29
<u>Recipient</u>	<ul style="list-style-type: none">- Awarded by the US Education department to study/intern abroad in Dublin, Ireland
Data Science by MLAB @ Berkeley Projects	Berkeley, CA - Oct 2017 - Dec 2017

- Project Lead**
- Image Classifier(Cat or Dog?), School Finance System Analysis, Sentiment Analysis on IMDB movie Review
 - Worked with a dataset of 6500 images of various kinds of dogs and cat to create a classification model
 - Used Convolutional Neural Network(CNN), Kera, Matplotlib and Sklearn PCA. and methods such as linear regression, logistic Regression, Backward Stepwise Selection, Decision Trees, and Random Forest Decision Tree to create models that best represent IMDB movie reviews
 - Used matplotlib and seaborn to visualize data

Pioneer in Engineering

Berkeley, CA - Oct 2017 - current

- 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

South Pasadena, CA - January 2015 - June 2017

- 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