

Michael Wu

Contact

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United States

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Languages

English Fluency
Chinese Fluency
Spanish Beginner

Programming

R, SQL, Python, Java,
Javascript, PHP, C++,
Scheme, HTML, CSS,
LaTeX

Skills

Tools: Git, Vim, Android Studio, BlueJ, IntelliJ, Microsoft Suite, GSuite
Frameworks: SciPy, Numpy, PyTorch, TensorFlow, Kera

Experience

- | | | |
|-------------|--|-------------------------------|
| 2018 - Now | Berkeley China Summit
<i>Public Relation Officer</i> | Berkeley, United States |
| | <ul style="list-style-type: none"> Finding, and inviting speakers, sponsors, and partners Responsible for making speaker information package | |
| 2018 - Now | Entrepreneurs @ Berkeley
<i>Founder/Board of director</i> | Berkeley, United States |
| | <ul style="list-style-type: none"> Coded UI, worked with Berkeley Open Computing Facility for domain hosting and Berkeley Founders for backend Outreach with organizations such as SCET and the House, Studypool, etc for partnership and sponsorship | |
| 2017 - Now | Pioneers in Engineering
<i>Web Development Committee/Mentor</i> | Berkeley, United States |
| | <ul style="list-style-type: none"> Renovated the PiE website using HTML, CSS, JavaScript Mentored the Oakland High School Robotic team in Spring 2018 | |
| 2018 | Equal Pay Co
<i>Intern</i> | Los Angeles, United States |
| | <ul style="list-style-type: none"> Built secure online survey form Full stack Web development(PHP, Javascript(including JQuery), CSS, HTML), experimented with Redis and Amazon Web Service | |
| 2015 - 2017 | South Pasadena High School Badminton Team
<i>Founder/Captain</i> | South Pasadena, United States |
| | <ul style="list-style-type: none"> 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 programs that automates tryout and practice attendance | |
| 2014 - 2016 | Serial Events
<i>Main Organizer</i> | South Pasadena, United States |
| | <ul style="list-style-type: none"> Chinese New Year Gala, Path To College Workshop, Financial Aid Workshop and Chinese Calligraphy Workshop Responsible for planning fundraisers, coordinating volunteers, 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. | |

Education

- | | | |
|-------------|---|--|
| 2018 - 2021 | B.A in Computer Science | University of California, Berkeley |
| 2016 | Certificate in Leading People and Team | University of Michigan Ross School of Business |

Other qualifications

- | | | |
|------|---|--|
| 2018 | Benjamin A. Gilman International Scholarship | United States Department of Education |
| 2018 | ISPE Hackathon Finalist | International Society for Pharmaceutical Engineering |
| 2018 | Lewis Athlete Scholarship Award | South Pasadena Athletic Department |

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EDUCATION

University of California Berkeley

College of Letter and Science

BA in Computer Science

Expected Grad. May 2021

University of Michigan Ann Arbor

Ross School of Business Online

Certificate

Grad. June 2016

SKILLS

Languages:

R, SQL, Python, Java, Javascript,
PHP, C++, Scheme, HTML, CSS

Frameworks:

SciPy, Numpy, PyTorch, TensorFlow,
Kera

Tools:

Git, Vim, Android Studio, BlueJ,
IntelliJ

COURSEWORK

- Data Structures
- The Structure and Interpretation of Computer Program
- Foundation in Data Science
- Web Data Visualization
- Design Information Devices and System I & II

AWARDS

- Lewis Athlete Scholarship Award
- Benjamin A. Gilman International Scholar
- International Society for Pharmaceutical Engineering Hackathon Finalist

03.30.2018

EXPERIENCE

Entrepreneurs @ Berkeley

Founder/Board of Director

Feb 2018 – Present

Berkeley, CA

- Using Bootstrap to create front end
- Worked with Berkeley Open Computing Facility for domain hosting and Berkeley Founders for backend

Pioneer in Engineering

Website Development Committee / Mentor

Berkeley, CA

- Renovated the PiE website(HTML, Javascript, Ruby, CSS)
- Mentor for Oakland High school in 2018 Spring

Equal Pay Company

Intern

Jan 2018

Los Angeles, CA

- Built secure online survey form
- Full stack Web development(PHP, Javascript(including JQuery), CSS, HTML), experimented with Redis and Amazon Web Service

PROJECTS

Kikaroo

ISPE Hackathon finalist

Jan 2018

Berkeley, CA

- 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.

Image Classifier (Cat or Dog?)

Intern

Jan 2018

Berkeley, CA

- 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.

School Finance System Analysis

Team Member

Jan 2018

Berkeley, CA

- 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