Michael Wu

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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

Entreprenuers @ Berkeley Feb 2018 – Present
Founder/Board of Director Berkeley, CA

- Using Boostrap 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 Jan 2018
Intern 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 Jan 2018
ISPE Hackathon finalist 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?) Jan 2018
Intern 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 Jan 2018
Team Member 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