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

Programming
Proficient:
R, SQL, PHP, C++, Scheme
Expert:
Java, Javascript, Python
Frameworks:
SciPy, Numpy, PyTorch, Tensor, 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

05.27.2018

EXPERIENCE

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

- Created customized website using Jalpc repository
- Built the Berkeley Startups web application using Django and REST framework
- Worked with Berkeley Open Computing Facility for domain hosting and Berkeley Founder for backend

Equal Pay Company Jan 2018
Intern Los Angeles, CA

- Build secure survey by implementing a customized online survey.
- Full stack Web development(PHP, Javascript(including JQuery), CSS, HTML), experimented with Redis and Amazon Web Service

PROJECTS

Style Transfer Feb 2018
Team Member Berkeley, CA

- Implemented Style Transfer on any two input images using PyTorch, and Tensor, autograd, and CNN.
- Learned techniques such as Gram Matrix, Gradient Descent, etc

Kikaroo Jan 2018
ISPE Hackathon finalist Berkeley, CA

- Prototyped Fetal Kicking Sensor using EMG, Arduino, Processing 3.0 and Android studio
- First place in the 2018 ISPE Hackathon

Image Classifier (Cat or Dog?) Nov 2017
Team Member Berkeley, CA

- Implemented cat and dog classification model using 6500 images using CNN, Kera, Sklearn PCA, and Matplotlib.

School Finance System Analysis Oct 2017
Team Member Berkeley, CA

- Experimented with CNN, Kera, Matplotlib and Sklearn PCA and applied methods such as linear regression, logistic Regression, Backward Stepwise Selection and Random Forest Decision Tree on dataset from US Department of Education