

Jin Kweon

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Education

McGill University

PhD Candidate, Quantitative Life Science

Montreal, Quebec
August 2018 – Present

University of California, Berkeley

Bachelor of Arts, Statistics (Focus: Mathematics / Economics) – Major GPA:4.00 (Overall 3.92) August 2016 – May 2018

- **Relevant Coursework:** Machine Learning, Linear Modeling, Multivariate Statistics, Concepts of Probability, Concepts of Statistics, Linear Algebra, Structure and Interpretation of Computer Programs

Diablo Valley College

Associate Transfer, Mathematics, Economics, Business Administration – GPA:4.00

Pleasant Hill, CA
August 2014 – May 2016

Work Experience

IPMD

Machine Learning Intern

Berkeley, CA
May 2017 – Aug 2017

- Accomplished facial recognition techniques, by building image searching algorithms and conducting experiments over 500 photos of different facial expressions and in Artificial Intelligence Team.
- Contributing on early detection of diseases with facial recognition, by leading the AI technology and deep learning team

Onbi, A Smartphone Application Company

Co-founder & CFO

Seoul, South Korea
November 2012 – June 2017

- Successfully led a key project, “School Mom,” which resulted in our application being supported by almost 12,000 schools, with 50,000 users in Korea as a result of performing survey and researching trends and needs for years
- Directly attributed to organize an application that placed 2nd in a South Korean National Founding Contest as “School Mom” being recognized influential in many schools over the country
- Managed diplomatic negotiations with investors (big companies) to secure a \$100,000 contract through cold-calling
- Achieved a net profit of over \$10,000 within six months, through sophisticated budget management and consulting

Transamerica Financial Advisors, Inc.

Business Internship

Concord, CA
October 2014 - January 2015

- Learned effective business communication and expansion, by creating and running a weekly business training group
- Provided 5 clients with ethical and secure financial advice focusing on investments, by sharing financial techniques

Research

Neuroimaging Research under Professor Sylvain Baillet

Rotation

Montreal, QC
September 2018 – Present

- Data analysis for multimodal electrophysiology and imaging such as MEG and EEG combined with MRI.
- Develop automatic work-flow pipeline for analysis on Brainstorm software.
- Analysis on longitudinal study of the “short-term” effects of brain stimulation with steady state visual stimulation on auditory working memory performances in healthy volunteers.
- Conduct new experiment on “long term” effects of brain stimulation with Transcranial Magnetic Stimulation (TMS) on auditory working memory performances in healthy volunteers.

Charter School Research under Professor Heather Haveman

Research Apprentice Internship

Berkeley, CA
February 2017 – December 2017

- Work for Charter Schools and the Business Age: Manual and CS Coding of Websites for Text Analysis
- Work with the Python/R coder teams to web-scrape and analyze the websites of every U.S. charter school open today.
- Clean the large data sets of dat, csv, and txt files, into the public readable data, to answer the question: “Which charters survive and thrive in this political climate—those that stress discipline and college-readiness, or those that prioritize independent thinking and socio-emotional development?”

SWITCH for National Renewable Energy Deployment Research

Research Apprentice Internship

Berkeley, CA
September 2016 – December 2016

- Developed and applied data management skills (using Python, QGIS, web-scraping, and data visualization) to forecast hydropower in Mexico and gained exposure to national energy policy, under professor Daniel Kammen

- Helped Energy Analysis team, by cleaning large datasets of hydropower corresponding to year 2006 - 2016 from various Mexico government official sources, and formatted appropriately, using R and Git
- Went through over 30 articles of research papers of different hydropower models, and built up different statistical analyses for the appropriate modeling of hydropower in Mexico
- Developed and presented analytical predictions for the future hydro-plant power generations

Community Involvement/Service & Leadership Experience

Disabled Students' Program (DSP) Note-taker Jan 2017 – Aug 2017
DSP office at University of California, Berkeley

Associated Students of University of California Finance Associate Director (ASUC) Sep 2016 – Dec 2016
Administrative Department at University of California, Berkeley

Associated Students at Diablo Valley College (ASDVC) Aug 2014 – May 2016
PR & Activity, Diversity, Legislative, College Success, Curriculum, Budget Committee at Diablo Valley College

Disability Support Services (DSS) Note-taker Jan 2015 – May 2016
DSS office at Diablo Valley College

Child Daycare Aug 2015 – Mar 2016
Bay Area Crisis Nursery / Home Away From Home Daycare Volunteer

Soccer Assistant Coach Jul 2015 – Oct 2015
PHMSA, eAYSO

Haiti Missionary Aug 2015
Choongsyn Church at New York

Teaching & Advising & Mentoring

- Stat 133 TA/Undergraduate Instructor
- Stat 198 Grader
- Stat 135 Grader
- Haas YEAH / Boost high school mentor
- Math & Accounting Tutor

Skills & Activities

- Proficient in R. Experience in SQL and Latex. Basic knowledge of MATLAB, Python, CSS, HTML, UNIX/Linux, C++, Git, Mathematica
- Externship at Central Garden & Pet Co

Honors & Awards

- High Distinction in general scholarship level at graduation.
- Associate Student at Diablo Valley College (ASDVC) Perfect Attendance Trophy.
- Award of Excellence: Diversity Committee (ASDVC).
- Earned the 1st place at Diablo Valley College for the contest of AMATYC.
- National Founding Contest 2nd Place for Onbi project.
- Placed in the top 7.3% in the Euclid contest, run by Waterloo University, in 2014.
- Placed in the top 15 candidates in my district, qualifying to go to Penn State for a national math contest, in 2014.

Social Media

• Website (Wix and Github)

<https://yjkweon24.wixsite.com/yongjinkweon>

<https://yjkweon24.github.io/>

• Github

<https://github.com/yjkweon24>

• LinkedIn (For more details, I would suggest to check out my LinkedIn)

<https://www.linkedin.com/in/jin-kweon-5b687a103>