Jin Kweon

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Education

University of California, Berkeley   Berkeley, CA
Bachelor of Arts, Statistics (Focus: Mathematics / Economics) – Major GPA:4.00   August 2016 - Present
- **Relevant Coursework:** Machine Learning, Linear Modeling, Multivariate Statistics, Concepts of Probability, Concepts of Statistics, Linear Algebra, Structure and Interpretation of Computer Programs

WORK & LEADERSHIP EXPERIENCE

Onbi, A Smartphone Application Company   Seoul, South Korea
Co-founder & CFO   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

IPMD   Berkeley, CA
Machine Learning Intern   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

SWITCH for National Renewable Energy Deployment Research   Berkeley, CA
Research Apprentice Internship   September 2016 – December 2016
- Developed and applied data management skills (using Python, QGIS, web-scrapping, 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

Transamerica Financial Advisors, Inc.   Concord, CA
Business Internship   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

Nielsen Lab   Berkeley, CA
Honor Thesis   *August 2017 - Present*
- Used Shell script to run data simulator (fastsimcoal2) to receive huge amounts of genetic and genomic data
- Detected genetic drift by analyzing genetic data with Qpwave and Qpadam under complex evolutionary models

SKILLS & ACTIVITIES

- Proficient in R. Experience in SQL and Latex. Basic knowledge of MATLAB, Python, CSS, HTML, UNIX/Linux, C++, Git, Mathematica
- ASUC Finance associate director
- Externship at Central Garden & Pet Co
- Earned the 1st place at Diablo Valley College for the contest of AMATYC
- Commercial real estate database entry level intern / fieldwork
- PHMSA soccer coach

TEACHING & ADVISING

- Stat 133 TA/UGSI
- Stat 198 reader
- Stat 135 reader
- Haas YEAH / Boost high school mentor
- Math & Accounting Tutor