Justin Han

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EDUCATION

University of California, Berkeley   **Berkeley, CA**
Bachelors in Statistics, Concentration in Computer Science and Economics   *Expected Graduation: May 2020*
- **Coursework:** Industrial Organization & Public Policy, Multivariable Calculus, Linear Algebra, Statistics, Discrete Mathematics & Probability Theory, Data Science, Structure and Interpretation of Computer Programs, Artificial Intelligence, Computational Data Analysis, Statistical Prediction & Machine Learning

SKILLS

Technical: R, SQL, Python, Java, Tableau, Stata, HTML5, CSS, JavaScript, Git, JIRA, RStudio, MS Excel, MS PowerPoint, MS Word
Other: Data Visualization, Data Manipulation, Data Mining/Cleaning/QA, Regression Analysis, Pattern/trend Identification, Quantitative Methods, Supervised/Unsupervised Learning Methods, Data Structures

EXPERIENCE

Wells Fargo   **San Francisco, CA**
Strategy & Analytics Intern   *June 2019 – August 2019*
- Implemented a digital tool for mobile and desktop banking platforms, resulting in ~20% decrease in client wait times.
- Worked on a financial model that is projected to reduce 2020 quarterly costs for Agile development teams by ~7%.
- Developed KPIs to monitor internal operations and decreased software approval times by ~15%.

UC Berkeley Graduate Department   **Berkeley, CA**
Data Researcher/Project Assistant   *October 2018 – May 2019*
- Collected and analyzed UC Berkeley's graduate student data through surveys issued across 2500+ departments and implemented data visualization techniques for publication.
- Strengthened alumni relations by creating UC Berkeley's graduate school alumni networking system.
- Managed and compiled a database of over 2,500 interdepartmental yearly graduates using LinkedIn, Excel and SAS.

HS2 Academy   **Fremont, CA**
Data Analyst Intern   *June 2017 – August 2017*
- Performed analysis (i.e. data wrangling, reshaping, tidying, visualization, etc.) on uncleansed data and generated reports for ads.
- Created decks for management to increase marketability with an expected client base growth of ~5% for the following year.

EXTRACURRICULARS

CAL Actuarial League   **Berkeley, CA**
Team Lead   *January 2018 – Present*
- Built models in excel and demonstrated critical thinking through analyzing case studies provided by Beam Dental (Health & Benefits), CSAA Insurance Group (Property & Casualty), and Aon (Retirement).
- Placed 3rd out of 20+ teams in the Ninth Annual Actuarial Case Competition at UC Berkeley.

Computer Science and Statistics Course Staff   **Berkeley, CA**
Student Instructor/Lab Assistant   *August 2018 – Present*
- Taught a small class about the concepts of statistical computing and the data analysis cycle using the R language.
- Helped students debug python/R code and recap important lecture topics (i.e. recursion, trees, data structures, algorithms, etc.).

PROJECTS

Crime and Communities
- Implemented machine learning techniques to develop the best model to predict crimes using the crime and communities dataset provided by the University of California, Irvine.

Shiny Application: Investing
- Created a web application in R that allows users to interactively visualize different saving and investing scenarios (in the absence of inflation).

Search
- Designed a rational agent in python using different search algorithms (e.g. DFS, BFS, A*, etc.) to drive decision making.