

JIHEE YOON

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EDUCATION

University of California, Berkeley

B.A. Statistics, B.A. Data Science

Certificate of Entrepreneurship and Technology *GPA: 3.8*

Berkeley, California

Expected Graduation May 2022

SKILLS

Languages: SQL, Python, R, Java, HTML/CSS, Excel, Pandas, NumPy, Tableau, Jupyter Notebook, Javascript

Relevant Coursework: Probability · Probability & Statistics · Data Structures and Programming Methodology · Principles and Techniques of Data Science · Time Series · Statistics · Computational Structures in Data Science · Computing with Data · Discrete Mathematics and Probability Theory · Web Design · Linear Algebra & Differential Equations

ACTUARIAL CERTIFICATIONS

Exam 1/P

Passed - May 2021

EXPERIENCE

Data Scientist Intern

Facebook, Inc.

Menlo Park, CA, May 2021 - Aug 2021

- Saved up to **\$765 million** via identifying new business opportunities from salient insights of **Facebook Financial** Analytics fees data
- Engaged Partnerships teams for the **first time in 4 years** on this topic; conducted linear modeling analyses via **Python & SQL tools**

Internal Development Director

California Actuarial League

Berkeley, CA, Sep 2020 - Present

- **Finalist** of the **Thirteenth Annual Case Competition** for Health & Benefits and Retirement tracks; passed Actuarial Exam P
- Director of the Mentorship program in UC Berkeley's actuarial pre-professional organization; teaching excel and insurance vocabulary

Data Science Consultant

Data Science Society at Berkeley

Berkeley, CA, Sep 2020 - Present

- Held weekly lectures for **100+ undergraduates** on statistical modeling, data science life cycle, SQL, Python, Tableau, Deepnote;
- Built **2 web scrapers** for Whipstitch Capital investment bank in Spring 2021, collaborating with a team of 5 students in weekly meetings

Data Science Lead & Public Health Researcher

ING Start Up

San Jose, CA, April 2020 – Aug 2020

- Created the detailed structure of the **mobile fitness app** that provided a **single sign-on discount** for users to promote a healthy lifestyle; conducted case-studies on **36 research papers** dissecting public health trends with **R and SQL** that was incorporated into the app;
- Built a **full design of the app layout** that was voted upon and implemented by the engineering team and then **submitted to Y Combinator**

Strategy Consulting Contracted Analyst

Google, Inc.

Mountain View, CA, Jan 2019 – Aug 2019

- Led **14-week consulting project** emphasizing consumer insights & market strategy for **Google** as a member of **Berkeley ABA, UC Berkeley's Oldest Haas-sponsored Business Organization** on Campus
- Launched a survey with **1,100+ responses globally**, conducted **45 focus interviews**, leveraged **20+ industry reports** to develop a comprehensive Google Store customer journey map; presented **2 deliverables** to Google Store Team in Google Headquarters

PROJECTS

Influenza Model | Time Series Future Forecasting

Irvine, CA, July 2019 – Aug 2019

- Incorporated a **time series model** with Professor Minin of UC Irvine School of Information and generated an influenza forecasting time series model for **Center for Disease Control competition** "Forecast the Influenza Season Collaborative Challenge" with exclusive data from **WHO, U.S. Census**, and **Reich Lab** with machine learning in **R code**
- Built a new infrastructure with time series and fluvium models to generate **forecasts** (<https://github.com/jhyoon-03/cdc-project>)

LEADERSHIP

Associated Students of the University of California

Director of Security

Berkeley, CA, May 2019 – May 2020

- Represented **41,910 students** of UC Berkeley campus as Director of Security for Senator Soo's Office;
- Organized and executed a campus-wide homeless outreach service events with **150+ attendees**, led **weekly associate meetings**, and consulted with **UC administration** for safer residential halls and campus night safety