

JIHEE YOON

Hogwarts School of Witchcraft & Wizardry
1161 Crosby Avenue, Cherry Drive

EDUCATION

University of California, Berkeley

B.A. Statistics, B.A. Computer Science · GPA: 3.419/4.0 Ce

Berkeley, California

Expected Graduation May 2022

SKILLS

Languages: SQL, Python, Java, HTML/CSS, R Code, Pandas, NumPy, Tableau, Deepnote, Jupyter Notebook

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

Sitting - January 2021

EXPERIENCE

Active Member

Berkeley, CA, Sep 2020 - Present

California Actuarial League

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

Machine Learning Undergraduate Researcher

Berkeley, CA, Sep 2020 - Present

UC Berkeley School of Public Health

- Accepted to Professor Scott Lee's lab of 8 PhD students to use machine learning, artificial intelligence, and statistical modeling
- Project to build future forecasts for Ocuelar, a start-up active in global medical research in eye health; scheduled to begin this fall semester

Mentor for Academic Development

Berkeley, CA, Sep 2020 - Present

Data Science Society at Berkeley

- Held weekly lectures for 100+ undergraduates on statistical modeling, data science life cycle, SQL, Python, Tableau, Deepnote;
- Oversaw 4-5 students weekly and provided strategic guidance leading up to the final project for the campus-wide data symposium

Data Science Lead & Public Health Researcher

San Jose, CA, April 2020 – Aug 2020

ING Start Up

- 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

Mountain View, CA, Jan 2019 – Aug 2019

Google

- Led 14-week consulting project emphasizing consumer insights & market strategy for Google Store 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

Berkeley, CA, May 2019 – May 2020

Director of Security

- 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