

Yeonil Cho

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EDUCATION

University of California San Diego

Bachelor of Science in Joint Mathematics-Economics

San Diego, CA

Expected May 2023

- **Cumulative GPA:** 3.9; **SAT:** 1460
- **Awards & Honors:** Revelle College Provost's Honors – in recognition of superior scholastic achievement; The San Diego Union-Tribune All-Academic Team – awarded annually to most outstanding scholar athletes in varsity sports; San Diego County Fair's Design in Wood Competition 1st Place
- **Relevant Coursework:** Statistics, Applied Data Analysis, Econometrics, Micro/Macroeconomics, and Python Programming

WORK EXPERIENCE

Harvard University Department of Economics

Research Assistant

Cambridge, MA

April 2022 – Present

- Building deep learning pipelines for economic development and political economy
 - Working projects: Coreference & pronoun resolution using Huggingface neural nets and AllenNLP

The University of British Columbia – Vancouver School of Economics

Data Scientist

Vancouver, BC

April 2022 – Present

- In charge of automating the collection of over 2 million audio files and mapping 15+ unique variables into a database

UCSD Department of Economics

Research Assistant

San Diego, CA

July 2021 – Present

- Implement natural language processing with the use of NLTK and Spacy to collect and explore raw text data from historical newspapers
 - Worked extensively with TDM Studio (Proquest), the Nexis Data lab, and other APIs to access and analyze over 3 million documents
- Apply machine learning tools, such as, Sklearn (Multinomial Naive Bayes, Bag of Words, SVC), in order to classify vectorized text data
 - Built supervised learning models to put together a comprehensive database of the landscape of juvenile curfews imposed in the US
- Completed a data project which involved web scrapping/crawling UK's firm level data
 - Collaborated with UCSD graduate students to construct a panel dataset that merges bank-level data with administrative loan-level data on all regulated UK mortgages over the period 2011 to 2018
 - Analyzed over 100 banks' annual reports to understand their liability structure
 - Main Python packages used: BeautifulSoup, Selenium

UCSD Department of Economics

Instructional Assistant

San Diego, CA

March 2021 – December 2021

- In charge of various learning operations to improve students' performance in upper division Macroeconomics courses
- Coordinate weekly office hours and hold review sessions where over 25 students attend
- Developed an automated software which shortened the grading time by 80%

EXTRACURRICULAR ACTIVITIES

UCSD Student Foundation

Equity Analyst

San Diego, CA

April 2021 – Present

- Elected to serve on investment committee and worked with team to generate returns for UCSD's student-run \$1 million+ fund
- Utilize Microsoft Office to conduct financial modeling, such as Discounted Cash Flow, and present equity reports to other analysts and associates

ADDITIONAL

- Fluent in Korean – recipient of California State Seal of Biliteracy; Played football, golf, track/field at the varsity level