

HELEN CHEN

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EDUCATION

University of Chicago Chicago, IL
B.A. Economics, B.S. Statistics 2020
Dean's List

COURSEWORK

* Winter 2018 Classes

Economics

- Elements of Economic Analysis I, II, III*

Mathematics / Statistics

- Statistical Theory and Methods I*
- Numerical Linear Algebra
- Math Methods for Physical Sciences I, II
- Calculus 3

Computer Science

- Computer Science with Applications I, II*

DATA TOOLS

Python ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

Excel ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

SQL ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

R ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

MATLAB ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

CREATIVE TOOLS

Illustrator ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

InDesign ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

Photoshop ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

HTML/CSS ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

Sketch ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

HOBBIES

Playing chess, drinking coffee, hiking,
reading investigative journalism and
profiles, watching Criminal Minds and
Netflix Comedy Specials, brunching,
exploring, writing

EXPERIENCE

Celential.ai Mountain View, CA
Data Science Intern June 2017 – Sept 2017

- Coded with Python, regex to capture patterns, phrases in email responses
- Retrained machine learned CCA, PCA models with correctly labeled emails
- Increased overall email classifier accuracy by over 10%, "Negative Later" label by 36%, "Review" label by 19%
- Revamped company website with HTML/CSS changes, icons, website copy

Yale Young Global Scholars New Haven, CT
Politics, Law, and Economics July 2015

- Participated in two week of intensive discussion, lectures taught and led by Yale faculty and students
- Researched, presented Capstone project, essay on Ebola and its effects on the world economy with three others

The Daily Californian Berkeley, CA
Graphic Artist July – August 2014, July – September 2015

- Designed infographics biweekly for UC Berkeley's student newspaper
- Attended weekly Design Department meetings to discuss improvements

ACTIVITIES

The Chicago Maroon Chicago, IL
Data Analyst / Design Associate September 2016 – Present

- Analyzed data using Python with Pandas for Maroon Data Analysis to take on more data-driven stories
- Created layouts in InDesign for UChicago's student newspaper, primarily focusing on the Arts section

Oeconomica Chicago, IL
Health Insurance Cohort Member September 2017 – Present

- Attended weekly meetings to analyze, discuss research papers related to the economics of health insurance
- Using R to analyze data, conducting research, writing paper for rest of year

TEDxUChicago Chicago, IL
Logistics Chair March 2017 – Present

- Overseeing details for 2018 conference "Look Again"
- Created branding material, promotional graphics as Creative Design Chair for 2017 conference "Changing Channels" which had over 250 attendees
- Designed all programs, t-shirts, lanyards, social media banners in six weeks