

# 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 (ECON 200, 201, 202\*)

**Math / Stats:** Statistical Theory and  
Methods I (STAT 244\*); Numerical Linear  
Algebra (STAT 243); Math Methods for  
Physical Sciences I, II (MATH 200, 201);  
Calculus 3 (MATH 153)

**Computer Science:** Computer Science  
with Applications I, II (CMCS 121, 122\*)

## 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 every two week 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

- Working out 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