

# HELEN CHEN

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## EDUCATION

University of Chicago Chicago, IL  
Expected Graduation June 2020  
B.A. Economics, B.S. Statistics  
GPA 3.56/4.00, Dean's List

## COURSEWORK

\* Winter 2019 Classes

### Economics

- Elements of Economic Analysis I, II, III
- Economic Policy Analysis
- Econometrics
- Data Construction and Interpretation in Economic Applications\*
- Industrial Organizations

### Mathematics / Statistics

- Statistical Theory and Methods I
- Analysis of Categorical Data\*
- Applied Regression Analysis
- Intro to Math Probability
- Numerical Linear Algebra
- Math Methods for Physical Sciences I, II

### Computer Science

- Computer Science with Applications I, II

## DATA TOOLS

- Python
- R
- SQL
- STATA
- Excel
- MATLAB

## CREATIVE TOOLS

- Illustrator
- HTML/CSS
- InDesign
- JavaScript
- Photoshop
- Sketch

## INTERESTS

Hiking, coffee, documentaries, chess, minimalism, short story collections, traveling

## EXPERIENCE

University of Chicago College Core Tutor Program Chicago, IL  
Econometrics Core Tutor January 2019 – Present  
• Assisted underclassmen students in Elements of Economic Analysis I, II, III classes in better understanding course material, homework problem, exam review

Facebook Menlo Park, CA  
Facebook University Data Analytics Intern June 2018 – August 2018  
• Analyzed emerging market data using SQL (Presto and Hive), Excel, Python to understand how Thai sellers use Live Video as a distribution channel  
• Highlighted necessity to capture large market, spearheaded ideation and initial design of commerce features for Live Video, identified ways to minimize pain points

Celential.ai Mountain View, CA  
Data Science Intern June 2017 – September 2017  
• Coded with Python, regex to capture patterns, phrases in email responses  
• Retrained machine learning CCA and PCA models with correctly labeled emails  
• Increased email classifier accuracy by over 10%, "Negative Later" label by 36%  
• Revamped company website with HTML/CSS changes, icons, website copy

## ACTIVITIES

TEDxUChicago Chicago, IL  
Organizer March 2017 – Present  
• Oversaw speaker, venue, volunteer, and design details as Logistics and Speakers Chair for 2018 conference "Look Again" which had over 150 attendees  
• Created all branding materials, promotional graphics as Creative Design Chair for 2017 conference "Changing Channels" which had over 250 attendees

Alpha Kappa Psi Business Fraternity Chicago, IL  
Warden, Executive Board March 2018 – Present  
• Tracked event attendance, points for over 80 active brothers  
• Worked with five others as part of Adobe Student Rep program to plan and lead design, photo, video workshops to promote Creative Cloud usage on campus

The Chicago Maroon Chicago, IL  
Design Associate September 2016 – Present  
• Created weekly layouts in InDesign for the Arts, Viewpoints, and Sports sections  
• Drew illustrations to accompany opinion pieces in Viewpoints section

## AWARDS

- Technica Hackathon 2018: Best Computer Vision Hack, Best Use of Clarify API Hack
- UChicago Class of 2020 T-Shirt Competition Winner