

Vanessa Ma

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EDUCATION

UNIVERSITY OF CHICAGO

B.S. NEUROSCIENCE

B.A. ECONOMICS

Sep 2016 – June 2020 (Expected)

Cum. GPA: 3.8 / 4.0

Majr. GPA: 3.8 / 4.0

Howell Murray Alumni Award,

Performing Arts Leadership Award,

Hong Kong Alumni Club Scholar,

Dean's List,

Trott Business Program (Finance),

Rosenzweig Policy Scholar,

Health Policy Scholar,

Outstanding Student Leader

BOOTH SCHOOL OF BUSINESS

DOUGAN CERTIFICATE

Sep 2016 – June 2020

- Highly selective mini-MBA program for undergraduates

COURSEWORK

UNDERGRADUATE

Honors Calculus,

Honors General Chemistry,

Honors Economic Analysis

GRADAUTE

Energy Policy Practicum,

Algorithmic & Digital Marketing,

Healthcare Data Analytics,

Supply Chain Strategy,

Computational Neuroscience,

Advanced Cell / Molecular Neuro

ACTIVITIES & AWARDS

Second, Google Games Chicago,

Finalist, NYU Policy Case Comp.,

Editor-in-Chief, Memoryhouse

Lighting Engineer, Mandel Hall

President, Hong Kong Student Asc

Mentor, Chicago Debate Society

SKILLS

Languages: Cantonese • Mandarin

Code: R • MATLAB • Python •

SQL

Computer: PowerPoint • Excel •

Bloomberg • Google Analytics •

Tableau

Design: InDesign • Photoshop •

Illustrator • Premiere Pro

RESEARCH & PROJECTS

RUSTANDY CTR. FOR SOCIAL INNOVATION | RESEARCH ASSISTANT

09/2019 – Present | Chicago, IL

- Conducted extensive literature review on charter schools, standardized testing, social entrepreneurship for Prof. Gertner.

UNCOVERING THE HIV-BRAIN AXIS | NEUROSCIENCE THESIS

09/2019 – Present | Chicago, IL

- Used Python, SAS and SQL to analyse 10 years national claims data, revealing comorbidities between HIV and neuropsychiatric conditions. Worked with Prof. Khomtchouk to build an algorithm predicting complications to aid clinician decisions.

THE PAUL DOUGLAS INSTITUTE | FOUNDER, DTR OF OPERATIONS

01/2018 – Present | Chicago, IL

- Registered 501c(3) think tank to meet local, national organizations' policy needs. Grew organization to 70 members over 2 years. Led projects to make quantitative recommendations in campaign financing, drug pricing and emissions pricing.

EXPERIENCE

POLSKY CTR. FOR ENTREPRENEURSHIP | LIFE SCIENCES INTERN

09/2019 – Present | Chicago, IL

- Worked with a chemistry professor to size biotech discovery. Pitch and go-to-market strategy now in use to lead 5-person team into NSF-funded i-Corps program.

POINT72 ASSET MANAGEMENT | SUMMER FINANCIAL ANALYST

06/2019 – 08/2019 | Chicago, IL

- Modelled global crude flows through scraping and analysis of multiple datasets in Python, Excel to project companies' financial performance in exploration and production portfolio. Received full-time offer for October 2020.

TRANSUNION | INTERN, INTERNATIONAL STRATEGY & PLANNING

06/2018 – 06/2019 | Chicago, IL

- Researched emerging markets' appetite for fraud prevention and custom credit scoring solutions through conducting expert interviews, competitive analysis and pro-forma financial modelling in anticipation of firm entry and acquisitions.

BOOTH SCHOOL OF BUSINESS | DATA ANALYTICS INTERN

01/2018 – 12/2018 | Chicago, IL

- Created automated data cleansing model using Excel and Tableau for large website, social media, and vendor traffic pulls. SOP adopted for 100+ marketing campaigns. Spearheaded departmental shift to Google Analytics and compliance with GDPR.

LEADERSHIP

MEDUSA COLLEGIATE A CAPPELLA | MUSIC DIRECTOR

10/2016 – Present | Chicago, IL

- Oversaw all rehearsal, recruitment, music production from arrangement to release. Youngest music director since group's conception, 7+ hours per week.

LINKS

• github.com/vma101

• linkedin.com/in/vanessa-ma

• open.spotify.com/artist/39PFOqr1xA7Xw7dzhOX5wk

• www.pauldouglasinstitute.org