

William Conboy

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EDUCATION

Northwestern University, Evanston, Illinois

Anticipated June 2023

- Bachelor of Arts in *Economics* and *Computer Science*
- Kellogg Certificate Program in *Managerial Analytics*
- Cumulative GPA: **3.7/4.0**

Xiamen University, Xiamen, China

June - August 2019

- Scholarship from the U.S. Department of State
- Intensive immersion program in Mandarin language and Chinese culture

PROFESSIONAL EXPERIENCE

Bates White LLC, Washington, D.C.

June 2022 - Present

Summer Consultant

- Designed and implemented an economic model to evaluate price-fixing damages within the textiles market
- Utilized Stata and R to analyze future product liability from publicly available forecasting data

Xalgorithms Foundation

June 2021 - Present

Economic Modeling Intern

- Redesigned a multi-agent model in NetLogo to simulate interactions and decisions within an economy
- Utilized agent-based modeling to investigate tying value of business-to-business transactions to indices
- Co-hosted five webinars for international audience of academic and industry professionals showcasing the model

Center for Connected Learning and Computer-Based Modeling

October 2020 - June 2021

Undergraduate Research Assistant

- Conducted research utilizing agent-based modeling on the quadratic voting mechanism
- Analyzed model-generated data in Jupyter Notebook for a published academic paper on quadratic voting
- Led implementation of a monetary policy model to emphasize ecological costs in the value chain

AmeriCorps VISTA

June 2020 - September 2020

Contact Tracer

- Conducted outreach to individuals who tested positive with COVID-19 to investigate potential exposures
- Advised individuals with COVID-19 on CDC quarantine and isolation guidelines
- Connected financial resources to households impacted by quarantine and isolation guidance

ACTIVITIES & LEADERSHIP

LEND Evanston

October 2020 - Present

VP of Finance, Account Manager

- Delivered microloans (\$1,000-\$5,000) and business development services to small local businesses
- Developed Google Analytics dashboard for LEND's website to present key performance metrics from 50+ clients
- Managed invoicing and reconciliation of portfolio with over \$150,000 in outstanding loans

ADDITIONAL SKILLS & CERTIFICATIONS

Computer: Significant experience in Java, Python, C, C++, Stata, R, Netlogo, SQL, and Octave
Proficiency in Google Workspace and Microsoft Office Suite

Training: Stanford University Machine Learning course through Coursera (7/6/2020)

Language: Conversational in Mandarin Chinese (ACTFL "Intermediate-Mid")

INTERESTS

Competitive Spikeball, Skiing, Summiting Colorado's 14,000' peaks