

Anna Effenberger

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EDUCATION

Cornell University, College of Arts and Sciences, Ithaca NY
B.A. in Statistical Sciences and Economics; Minor in Computer Science
GPA: 4.1/4.0. Dean's List

August 2019 – (expected) May 2022

Coursework: *Machine Learning, Functional Programming, Object Oriented Programming and Data Structures, Discrete Structures, Stochastic Processes, Multivariable Calculus, Linear Algebra, Probability Models and Inference, Econometrics, Intermediate Micro-/Macro-Economics*

Skills: *Python, R, OCaml, Java, Microsoft Office (Excel, Word, PowerPoint)*

RESEARCH AND TECHNICAL EXPERIENCE

Goldman Sachs

Incoming Quantitative Strategies Summer Analyst

New York City, NY

June 2021 – August 2021

Cornell Tech, Language, Interaction, and Learning (LIL) Lab

Research Intern (NSF REU)

(remote) New York City, NY

June 2020 – present

- Explored fundamental natural language processing (NLP) questions with Python and R as part of the research project “Analysis of Language Change in Collaborative Instruction Following” under Professor Yoav Artzi
- Analyzed a large corpus of language interaction data collected from the CerealBar dataset with tools such as spaCy and BERT to investigate individual and communal linguistic dynamics in a collaborative environment

Data Science Project

Researcher, Cornell Department of Statistical Sciences

Ithaca, NY

January 2020 – present

- Examined juror questioning transcripts in death penalty cases using NLP tools in Python and R
- Investigated language used in the systematic removal of under-represented demographic groups from the juror pool through collaboration with the Cornell Law School, under the guidance of Professor Martin T. Wells

Commvault

Software Development Intern

Tinton Falls, NJ

September 2018 – February 2019

- Self-taught Python, database skills (SQL), and object-oriented design principles through practical application
- Executed projects to create storage array-based snapshots using Python and HPE Nimble Storage arrays
- Implemented and enhanced REST-based calls to Commvault's Enterprise Backup and Recovery solutions

BUSINESS AND FINANCE EXPERIENCE

The Cornell Hedge Fund (CHF)

Chief Investment Officer

Ithaca, NY

May 2021 – present

- Managed CHF's investment process and \$10,000 portfolio and executed trades based on funds' analyses
- Established investment criteria, led investment committee discussions, and provided feedback on pitches

Analyst

January 2020 – May 2021

- Informed investment decisions and reevaluated CHF's positions by monitoring holdings in CHF's portfolio
- Conducted financial modeling and company and industry research as an analyst in the Telecommunications, Media & Technology (TMT) and Industrial verticals to successfully pitch a new stock towards CHF's portfolio

Vantage Brand Consulting (VBC) by Hospitality Sales & Marketing Association Intl.

President

Ithaca, NY

December 2020 – May 2021

- Revitalized organization by restructuring the executive board, communication channels, and general body meetings to create a supportive environment with analysts committed to producing high quality work for clients
- Increased active analyst membership by over 180% and analyst retention to 80% between semesters

Project Manager

September 2019 – December 2020

- Obtained new clients and led meetings for VBC's pro-bono sales and marketing consulting services
- Conducted market research to develop and adapt marketing and philanthropic strategy during COVID-19
- Designed strategy to increase the diversity of student populations served by client education non-profit

Independent Investment Analysis Project

August 2020 – September 2020

- Exploring correlations between historic stock movement and relevant popular online news sentiment using web-scraping and NLP tools in Python to identify indicators of future falls and rallies in individual stocks

Independent Visual Art Practice

June 2015 – present

- Created original paintings and drawings and sold originals, prints, and commissions to clients across the U.S.
- Displayed artwork at the U.S. Capitol and selected for publication in local magazines and art anthologies
- Marketed art online via Instagram and website (www.annaeffenbergerart.weebly.com) using Google Analytics

AWARDS AND RECOGNITIONS

Fellow, D.E. Shaw's Zenith Fellowship

May 2021

Selected Participant, 2021 Citi Technology Early ID (EID) Program

February 2021

Selected Participant, 2020 Cornell Undergraduate Women in Investing (WIN) Conference

September 2020

Selected Participant, MongoDB Women in Computer Science Summit

August 2020

Scholar, Tripods Data Science NSF REU

August 2020

- Selected as one of 15 scholars for the 2020 Tripods Data Science REU at the University of Rochester to study mathematical foundations of data science and to implement mathematical theory in applied research projects

Finalist, Adecco Group U.S. 2020 CEO for One Month

May 2020

- Selected as one of ten finalists from over 6,000 applicants to attend Adecco's corporate strategy bootcamp

Selected Participant, Discover Bloomberg: Women in Engineering

April 2020

Selected Participant, Morgan Stanley Women's Early Insights

April 2020

Best in Show, Congressional Art Competition, NJ District 4

May 2019

- Artwork *Family Tree* selected for display at the U.S. Capitol for one year

Interests: Golf (handicap 10); Tennis; Piano; Art; Graphic Design