

Evan Feder

(203) 858-7846 | evanmfeder@gmail.com | Github: [EvanFeder](#) | LinkedIn: [/in/evanfeder](#)

EDUCATION

Carnegie Mellon University **Pittsburgh, PA**
Bachelor of Science in Information Systems, Additional Major in Statistics and Machine Learning **May 2021**
Minors in Computer Science and Business Administration
GPA: 3.78/4.0 | Dean's List: All Semesters
Selected Coursework: Machine Learning, Natural Language Processing, Principles of Imperative Computation, Application Development, Database Design, Probability Theory, Statistical Inference

SKILLS AND INTERESTS

Skills: Python, Java, C, R, SQL, HTML, CSS, Ruby, MongoDB, Excel
Interests: Shaolin Chuan-fa Kung Fu, Jazz and Rock Drumming and Percussion, Competitive Card Games

PROFESSIONAL EXPERIENCE

Optum Technology (UnitedHealth Group) **Boston, MA**
Incoming Software Engineering Intern **June 2019 - August 2019**

Zenabi Data **Westport, CT**
Data Science Intern **May 2018 - August 2018**

- Developed and implemented data pipeline using Python and PostgreSQL to collect and compile over 100,000 lines of database and web-scraped training data on individual information and salaries
- Performed feature engineering and data cleaning to prepare training data for machine learning model to predict potential college students's post-graduation earnings potential for insurance company
- Collaborated with data scientists to perform preliminary data analysis on optimal offensive/defensive formations for the Miami Dolphins and work towards a predictive model
- Presented alongside Zenabi executives to Dolphins head coach on preliminary data analysis
- Automated process for identifying potential service website clients using sales site's API

Top Hat Tutors **Westport, CT**
Vice President **June 2016 - June 2017**

- Managed student-run tutoring company with more than 40 tutors and 150 clients
- Grew revenues by over 50% to more than \$80,000 annually
- Designed and implemented a data management system for tracking tutoring information and hours billed

PROJECTS

Wikipedia Question and Answering System

- Developed question and answering system with a team of three that both generates a list of questions about a given Wikipedia article or a list of answers given an article and questions
- The question generation system utilized a parse tree and the Stanford NLP part of speech tagger to find passage phrases that can be easily converted to questions
- The answering system used nltk to tokenize the input and then cosine similarity and tf-idf counts to find the section of the text that has the highest probability of containing the answer to a given question

Krave Capital

- Created a mock quantitative trading firm with a partner to learn about the inner workings of the quantitative trading industry and create a platform to possibly invest in
- Developed and successfully backtested several algorithmic trading strategies programmed in Python on online trading platform websites using mean reversion and rotational asset strategies

LEADERSHIP AND ORGANIZATIONS

Carnegie Mellon Student Body Vice President for Finance **May 2018 - Present**

- Select and lead team of 30 student financial advisors to allocate over \$2.1 million of student funds to over 300 university clubs and organizations
- Utilize years of university financial data and analytics to assist in yearly budgeting process
- Hire and delegate financial and administrative tasks to two personal assistants
- Present several times each month to other branches of student government on university finances