Nathan Raw

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Education

Rochester Institute of Technology

- Magna Cum Laude Graduate
- Bachelor of Science, Management Information Systems

Skills

Python	SQL	Java	HTML/CSS/JS	GCP
NLP	Machine Learning	Tensorflow	Keras	Pytorch
Tableau	Data Analysis	Unstructured Data	Web Scraping	BeautifulSoup

Experience

Data Scientist (August 2018-Present)

PricewaterhouseCoopers, Denver, CO

- Designed, tested, and implemented NLP based machine learning algorithms for use both internally and in production using Keras, Tensorflow and Pytorch
- Investigated emerging technology firms that could provide software for use across many domains (blockchain, audit, etc.)

Student Researcher (November 2016-May 2018)

Saunders College of Business, Rochester, NY

- Worked on data analytics research in natural language processing and machine learning under Dr. Yang Yu
- Wrote and used software tools in Python to turn large scale unstructured data into structured data
- Presented at RIT Undergrad Research Symposium for the project "Measuring CEO Narcissism in Earnings Based Conference Calls"

Technical Writer co-op (July 2016-August 2016)

Sutherland Global Services, Rochester, NY

- Worked with IT Managers to write process documentation for BPMS project
- Focused on turning unclear technical requirements into clear and straightforward documentation for management

Activities and Awards

- RIT Business and Technology Professionals Club – E-Board – Project Manager
- RIT Artificial Intelligence Club – "Deputy Board" – NLP Academic
- RIT MIS Mentorship Group – Mentor
- 2nd place winner of RIT STEAM Comp. – Developer – https://github.com/italosayan/P-P-P
- Brickhack4 "RIT Free Pizza App" – Developer
- College Twitter Sentiment Project – Lead Developer
- 2018 CSR Independent Study Under Dr. Clyde Hull – Statistics and Data Analysis for Research
- Deans List Every Semester at RIT

Personal Projects and Interests

- Web Scraping – SEC Edgar, Orange Book Medical Data, USNews.com College Data, Stockx.com, etc.
- Youtube – Made tutorial series on Word2Vec in Tensorflow
- Lda2vec in Tensorflow – github.com/nateraw/Lda2vec-Tensorflow
- Music Production
- Audio Engineering