

RYAN MCCANN

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PROFESSIONAL EXPERIENCE

INTERFERENCE INC.

Cambridge, MA

Data Scientist Intern

June - August 2019

May - August 2020

- Structured large amounts of data queried from biological databases
- Identified similarities between all pharmaceutical drugs in the company database
- Used Python to test multiple BERT-based AI models to infer gene-gene interactions from literature; tools included NumPy, Pandas, SciPy, and Scikit-learn
- Switched tasks and adapted to new priorities regularly
- Communicated often with senior management about goals, strategy, and team progress

EDUCATION

UNIVERSITY OF MASSACHUSETTS LOWELL

Lowell, MA

M.S. Eng. Computer Engineering

September 2022 - May 2023

- Accepted to the accelerated bachelor's to master's program

B.S.E. Computer Engineering

September 2018 - May 2022

- Relevant Coursework: Application Programming (C & MATLAB), Data Structures and Algorithms (C++), Discrete Mathematics, Micro-Electronics, Logic Design, Microprocessors Systems Design, Probabilities and Random Processes
- Member of The Commonwealth Honors College
- Co-founder and Secretary of Students For Food
- Leaders In Action Program Participant
- Member of The Institute of Electrical and Electronics Engineering (IEEE)
- 3.9/4.0 GPA

VOLUNTEER EXPERIENCE

CENTRAL FOOD MINISTRY

Lowell, MA

Food Distributer

September 2019 - Present

- Help distribute food to financially disadvantaged residents
- Update and log residences information into the company database

PROJECT LEARN INC.

Lowell, MA

Math Tutor

September 2020 - Present

- Help prepare third grade students with the skills they need to succeed in mathematics

PROJECTS

MORTY MORTGAGE

Founder & Lead Developer

May 2020 – Present

- Type in some basic information and your home buying expenses are laid out with ease
- Developed using JavaScript, React.js, and Python
- Currently leading a team of five other developers
- Link to the project webpage: <https://mortymortgage.com>