

RYAN MCCANN

25 Decarolis Drive ♦ Tewksbury MA 01876 ♦ (978) 852-3328

ryanjohnmccann@gmail.com ♦ [linkedin.com/in/ryanjmccann/](https://www.linkedin.com/in/ryanjmccann/) ♦ <https://ryanjohnmccann.com>

PROFESSIONAL EXPERIENCE

INTERFERENCE

Cambridge, MA

Data Scientist Intern

June - August 2019

May - August 2020

- Made major contributions to the company's software package used by 100+ developers
- Fixed 30+ bugs in unit testing code
- Structured large amounts of raw data to JSON and CSV file formats
- Identified key similarities between all pharmaceutical drugs in the company database (MongoDB)
- Used Python to train BERT-based AI models to predict how genes interact with each other given a biomedical research paper; tools included NumPy, Pandas, SciPy, and Scikit-learn

EDUCATION

UNIVERSITY OF MASSACHUSETTS LOWELL

Lowell, MA

M.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, Microprocessors Systems Design, Probabilities and Random Processes
- Member of The Commonwealth Honors College
- Co-founder and Secretary of Student Volunteers for Sustainability
- Leaders In Action Program Participant
- Member of The Institute of Electrical and Electronics Engineering (IEEE)
- Leader of a microprocessors systems design lab group
- 3.9/4.0 GPA

VOLUNTEER EXPERIENCE

CENTRAL FOOD MINISTRY

Lowell, MA

Food Distributer

September 2019 - Present

- Help distribute food to financially disadvantaged residents

PROJECT LEARN

Lowell, MA

Math Tutor

September 2020 – January 2021

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

PROJECTS

MORTY MORTGAGE

Founder & Lead Developer

May 2020 - Present

- Developed using JavaScript, React.js, and Python
- Currently leading a team of four other developers
- Created algorithms to efficiently structure and display data relating to home buying expenses for all 50 US states
- Link to the project GitHub: https://github.com/ryanjohnmccann/morty_app