

# RYAN MCCANN

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## COMPUTER ENGINEER

*Robotics ♦ Data Science ♦ Software Engineering*

Computer engineer with experience solving challenges with tools from various disciplines, along with communication skills to articulate the business value of a solution. Experienced data scientist, skilled at developing websites and structuring data. Trusted problem solver with a track record of designing processes and workflows that streamline operations.

### *Areas of Expertise*

- |                                                        |                                                |                                                |
|--------------------------------------------------------|------------------------------------------------|------------------------------------------------|
| <input type="checkbox"/> Mathematics                   | <input type="checkbox"/> Data analysis         | <input type="checkbox"/> Organizational skills |
| <input type="checkbox"/> Collaborative problem solving | <input type="checkbox"/> Unsupervised learning | <input type="checkbox"/> Time management       |
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## PROFESSIONAL EXPERIENCE

INFERENCE INC.

**Data Scientist Intern**

Cambridge, MA

**June - August 2019**

**May - August 2020**

- Structured large amounts of data queried from biological databases
- Identified similarities between all drugs in the company database
- Tested 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

**Computer Engineering**

Lowell, MA

**September 2018 - May 2022**

- Relevant Coursework: Application Programming (C & MATLAB), Calculus, Circuit Theory, Data Structures and Algorithms (C++), Differential Equations, Discrete Mathematics, Electronics, Logic Design, Microprocessors Systems Design, Physics, Probabilities and Random Processes
- Member of The Commonwealth Honors College
- Co-founder and Secretary of 'The Council of Food Quality'
- Member of The Institute of Electrical and Electronics Engineering (IEEE)
- 3.95/4.0 GPA

## VOLUNTEER EXPERIENCE

CENTRAL FOOD MINISTRY

**Food Distributer**

Lowell, MA

**September 2019 - Present**

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

## OTHER SKILLS

- Altium Designer, Arduino, CSS, Git, HTML, JavaScript, Linux, NI Multisim, WaveForms