

# RYAN MCCANN

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

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

---

## 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       |
- 

## PROFESSIONAL EXPERIENCE

INFERRENCES INC.

Cambridge, MA

### **Data Scientist Intern**

**June 2019 - August 2019**

- Developed algorithms that allowed for easier consumption of biomedical knowledge
- Structured large amounts of data queried from Gene Expression Omnibus (GEO Database)
- Found significant trends within structured data with natural language processing techniques along with Python, NumPy, and Pandas
- Interpreted drug tolerances and how they affect cell lines. Found similarities between all drugs' tolerance distributions in the company database
- Switched tasks and adapted to new priorities regularly
- Communicate often with senior management about goals, strategy, and team progress

## EDUCATION

UNIVERSITY OF MASSACHUSETTS LOWELL

Lowell, MA

### **Computer Engineering**

**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
- Transformation Program mentor
- Co-founder and Secretary of 'The Council of Food Quality'
- 3.95/4.0 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