

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

INFERRENCES 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
- 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

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