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

□ Mathematics	□ Data analysis	□ Organizational skills
□ Collaborative problem solving	□ Unsupervised learning	□ Time management

PROFESSIONAL EXPERIENCE

NFERENCE 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 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
- ➢ 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