RYAN McCANN

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PROFESSIONAL EXPERIENCE

NFERENCE   Cambridge, MA
Data Scientist Intern   **June - August 2019**
                                                                                                        May - August 2020

➢ Made major contributions to the company's software package used by 100+ developers
➢ Identified and fixed 30+ bugs in unit testing code
➢ Efficiently structured large amounts of raw data to JSON and CSV file formats
➢ Used Python to train and test machine learning algorithms
➢ Found key similarities in data stored to MongoDB
➢ Frequently operated in the MacOS terminal using Linux commands
➢ Pushed and reviewed code using Git and GitHub

EDUCATION

UNIVERSITY OF MASSACHUSETTS LOWELL   Lowell, MA
M.Eng. Computer Engineering   **Sept. 2022 - May 2023**

➢ Accepted to the accelerated bachelor's to master's program

B.S. Computer Engineering   **Sept. 2018 - May 2022**

➢ Relevant Coursework: Application Programming (C & MATLAB), Data Structures and Algorithms (C++),
   Discrete Mathematics, Microprocessors Design (Python & C)
➢ 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   **Sept. 2019 - Present**

➢ Help distribute food to financially disadvantaged residents

PROJECT LEARN   Lowell, MA
Math Tutor   **Sept. 2020 - Jan. 2021**

➢ Provided third grade students with the skills they needed to succeed in mathematics

PROJECTS

MORTY MORTGAGE
Founder & Lead Developer   **May 2020 - Present**

➢ Developed a mortgage calculator using JavaScript, React.js, and Python
➢ Currently leading a team of four other developers
➢ Link to the project GitHub: *https://github.com/ryanjohnmccann/morty_app*