Brian Conn

15 River Court St. Louis, MI 48880 | bconn485@gmail.com | (989) 331-2744

EDUCATION

Master's Degree in Computer Science   August 2024
Michigan Technological University, Houghton, MI
GPA: 3.68

Bachelor's Degree in Computer Science   December 2023
Michigan Technological University, Houghton, MI
GPA: 3.43

WORK EXPERIENCE

Software Engineer Intern   June 2021 – January 2023
Auto Owners Insurance, 6101 Anacapri Dr, Lansing, MI
- Designed and developed website as a full stack developer using the Angular framework
- Assisted in the management of data through SQL Server Manager
- Prepared and presented various reports for projects and general developer tips

PROJECTS

Accent Classification Machine Learning Model
- Developed a CNN-based model to identify various accents with two other team members
- Coded the model in Jupyter Notebook
- Finished and presented a final model with an accuracy of 77%

Husky Game Development Enterprise
- Lead multiple teams to develop games in Unity for PC and mobile devices
- Assembled reports and team presentations
- Released the games "When We Fell" and "Run To The Rescue" at huskygames.com

Mini Jam 60: Crime
- Developed a game in 72 hours with two other team members using Unity
- Worked as team leader and primary programmer
- Released the game "Dirty Business" at pets485.itch.io/dirty-business

Business Professionals of America Website Design Team
- Designed and created a Washington D.C. tourism website with four teammates
- Presented the website to multiple judges

SKILLS

Programming Languages: C, C#, C++, Java, JavaScript, Julia, PHP, Python, SQL, TypeScript
Computer Skills: Angular**,** CSS, Entity Framework, Git, HTML, Jupyter, Microsoft Office, SQL Server Manager, Unity, Unreal, .NET
Relevant Coursework: Advanced Artificial Intelligence, Artificial Intelligence, Computer Architecture, Computer Information Systems, Concurrent Programming, Discrete Structures, Introduction to Algorithms, Machine Learning, Programing at the Hardware Software Interface, Systems Programming, Data Structures

ACHIEVEMENTS/INVOLVEMENTS/HONORS

Member, Barbell Club   September 2022 - Current
Member, Circle K Service Organization   January 2020 – Current
Recipient, Michigan Tech Dean's List   Fall 2019 & Spring 2020
Valedictorian, Saint Louis High School   May 2019
President, Student Council   September 2015 – May 2019
Captain, Quiz Bowl   September 2015 – May 2019
Treasurer, Business Professionals of America   September 2015 – May 2019
Member, National Honor Society   September 2017 – May 2019