Christian Williams
85 Pine Ridge Drive, Bridgewater, Massachusetts 02324
508-208-1425 williamsct117@gmail.com

## Education

Wentworth Institute of Technology | Boston, MA                                     Graduated May 2021

Bachelor of Science in Computer Science                                                        GPA 3.4/4.0

**Relevant Coursework**: Databases, Data Structures, Algorithms, System Administration, Network Programming, Wireless Networks, Operating Systems, Programming Languages, Parallel Computing, Software Engineering, Big Data Programming

## Skills

*Languages*: Python, Java, C, C++, C#, JavaScript, HTML, CSS, R, SQL

*Tools*: Visual Studio, MySQL, Eclipse, RStudio, Android Studio, Apache Spark

*Operating Systems*: MacOS, Linux, Windows

## Projects

*Twitter Diet Trends* (Group, Python, Apache Spark, Hadoop):

- Utilized Apache Spark and Hadoop to build a resilient distributed data set containing over 400,000 tweets that were scraped from twitter
- Constructed visuals and drew conclusions from data on diet trend popularity

*Prosthetic Mobile Application* (Individual, Android Studio, Python, Machine Learning):

- Connected server to mobile application to serve real-time machine learning data to client regarding knee prosthetic movement
- Updated key user-interface elements for application to make it more user friendly

*Personal Website* (Individual, HTML, CSS, JavaScript):

- Created personal website with a combination of pages with different formats using multiple styles and scripts

## Work Experience

*Wentworth Institute of Technology – Research Co-op*

- Contributed to the machine learning and user interface components of the Prosthetic Mobile Device Application utilizing Python and Java on Raspberry Pi and Android Studio

*Wentworth Institute of Technology – Research Fellow*

- Designed an application that would focus on alleviating remote work stress during the pandemic
- Added significantly to the user interface of the application including multiple proposed designs