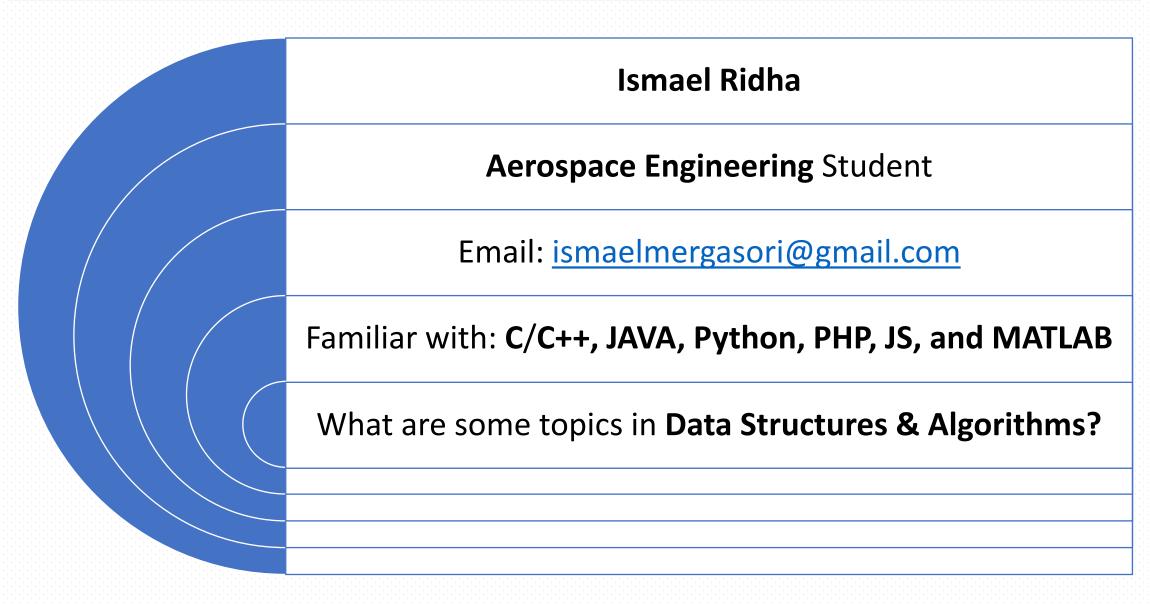
# COMP-352 Tutorial #1

#### INTRO



### COEN-352 Overview

#### **Data Structures:**

- **DS**s are means of storing data in a pattern-like format favourable in an application.
- These often dictate which algorithms to use and are based on the data we have.
- Examples: Arrays, Linked Lists, Stacks, Queues, Trees, Graphs...

### **Algorithms:**

- ALGOs are methods developed for executing some actions on data.
- Algorithms usually depend on the DS and the type of data given.
- Examples: Sorting, Searching, Inserting, deletion...

## JAVA Development Environment Setup

GitHub Repo: <a href="https://github.com/TheBarzani/COMP352">https://github.com/TheBarzani/COMP352</a> S2023

#### Steps:

- 1. Download and Install Java compiler
- 2. Add Java to the PATH
- 3. Set up an IDE as part of JDK
- 4. Create your first project and enjoy

#### **DEMO:**

- How to use the Assignment's DebugRunner in this class?
- Some notes on how to format the code for the Assignments.

## THANK YOU