

Abdirahman Mohamed

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SUMMARY

Aspiring Computer Scientist completing my Bachelors of Science in Computer Science in the Spring of 2025 with an excellent GPA wishing to enhance the richness of your organization and to develop myself professionally.

WORK EXPERIENCE

Personal Projects

- Weather App: React web application that displays the weather of any city searched using the OpenWeatherMap API

Course Projects

- Created a Java application that uses interfaces and classes that implement the interface, have tester methods and a test class that runs through my code, and have multiple methods that can tell the user if a tweet has a reply, the number of likes that tweet has, the names of the author(s) of the tweet, whether or not the text appears in the contents of the tweet, and returns the number of tweets in a thread that have more likes than given number of likes.
- Created a Java application using classes and tweets from Twitter that generate the links of the quotes, compares the lengths of two quotes to see which is longer, tests a method that compares the likes of different users and returns the one with the most likes, and other methods that manipulate that information
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EDUCATION

Bachelor of Science: Computer Science

University of California: San Diego

Sep. 2024

Major GPA: 3.106, Overall GPA: 3.106

Relevant Coursework

CSE 8A. Introduction to Programming and Computational Problem-Solving I

CSE 11. Introduction to Programming and Computational Problem-Solving: Accelerated Pace

CSE 12. Basic Data Structures and Object-Oriented Design

CSE 15L. Software Tools and Techniques Laboratory

CSE 20. Discrete Mathematics

CSE 21. Mathematics for Algorithms and Systems

CSE 30. Computer Organization

CSE 105. Theory of Computability

Operating Systems

Programming Languages

Computer Architecture

Unix System Administration

Systems Programming

Data Structures/Algorithms

3D Game Programming

Database Theory & Implement

SKILLS

- Python
- Java
- Object-Oriented Programming

PROFESSIONAL AFFILIATIONS AND RECOGNITIONS

Dean's List, College of Science

San Diego State University Cyber Defense Team, Member

- Club that focuses on all things cyber security and pushes to find the limitations of a system in order to find its weak points and strengthen them.

National Cyber League (NCL) Individual & Team Game

Fall 2020

- Enables students to prepare and test themselves against challenges that they will likely face in the workforce.

Collegiate Cyber Defense Competition (CCDC) Invitationals

Fall 2020

- Realistic scenario competition that gives students the opportunity to display cyber defense skills and learn new ones.