

Asjal Ahmad

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EDUCATION

Trinity University, San Antonio, TX

Bachelor of Science in Computer Science

Minors in Data Science and Mathematics

May 2024

Cumulative GPA: 3.966 | Major GPA: 3.938

SKILLS

Programming Languages: Scala, JavaScript, CSS, HTML, Python, SQL, C++, Haskell, C, Visual Basic

Frameworks/Technologies: Git, XML, Tableau

Operating Systems: Windows, Linux, OS X, Android

Relevant Coursework: Algorithms/Data Structures, Functional Languages, Low-Level Computing

EXPERIENCE

Project: StarMesh | San Antonio, TX

January 2021 – May 2021

Trinity University

- Developed and designed a GUI objective based game using ScalaFx and JavaFx with tower defense mechanisms, team specific non-player-controlled characters, and a basic projectile system.
- Established a networking system using Sockets and Streams to allow multiple players to join a team in the game, compete against the other team by destroying their tower, and interact with non-player-controlled characters.

Web Designer/Developer Intern | Lahore, Pakistan

September 2020 – October 2020

FlexarTech

- Assessed requirements and designed, developed, and implemented user interfaces for multiple websites using HTML5, CSS3, and JavaScript.
- Assisted team with testing and debugging code on multiple browsers and platforms.

LEADERSHIP EXPERIENCE

Founder and Head | Lahore, Pakistan

June 2019 – Dec 2020

Musaida

- Founded a charity organization to distribute home-cooked food to 50 families per week in impoverished regions around city of 11.1 million residents.
- Organize and administer food pantry operations resulting in a 40% decrease in total spending of \$1-2K/mo.
- Oversee billboard campaigns to raise awareness about global hunger issues locally.

Author of Further Mathematics Notes | Lahore, Pakistan

June – September 2019

Student Resource

- Authored a Further Mathematics Advanced Level book published nation-wide by Student Resource to train students on the Cambridge International AS and A Level Mathematics - Further (9231) course.
- Networked with school admins in the city and put online advertisements on social media to market the product.

CAMPUS INVOLVEMENT

Member, HOPE Hall | Trinity University, San Antonio, TX

January 2020 – Present

Member, Alpha Lambda Delta | Trinity University, San Antonio, TX

March 2020 – Present

AWARDS AND HONORS

Trinity University Dean's List

Fall 2020

Trinity University Scholar

April 2021

Trinity University International Scholarship

2020 – 2024