

# Derian Mowen

350 Regent Circle  
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## SKILLS

Programming Languages: Scala, CSS, HTML, Python, Haskell

Frameworks and Technologies: Git, React

Operating Systems: Windows, Linux

Principles: Algorithms, Data Structures, Functional Languages, Object Oriented Programming, Multithreading

## EXPERIENCE

Project: Dro Dungeons | San Antonio, TX

- Designed and developed an interactive GUI based game using Scala Fx. As well as implementing projectiles with collision and non playable characters.
- Created a networking system for the game including Sockets and Streams that allowed multiple users to interact with one another and interact within the game.

Project: Steam Trading Bot | San Antonio, TX

- Designed and developed a steam trading bot in python that used the pre-existing steam trading card system and exchanged this for in-game currency through automated user interactions as well as implementing a chat based command system.
- Brought several independent python libraries together in order to develop a singular program. As well as navigating the steam API using these libraries.

## EDUCATION

Trinity University, San Antonio, TX May 2024

Bachelor of Science in Computer Science

Cumulative GPA 3.219 | Major GPA 3.436

## CAMPUS INVOLVEMENT

*Member*, Omega Phi Fraternity | Trinity University April 2021-Present

*Member*, Trinity Club Soccer | Trinity University March 2021 - May 2021

## AWARDS

Trinity University Trustee Scholarship