

Connor Burgess

San Marcos, TX | 512-200-1160 | Burgess.rr.com@gmail.com

Summary

A dedicated and detail-oriented problem solver with a passion for team collaboration and delivering innovative software solutions. Experienced in a variety of programming languages including Java, Python, C++, and SQL. Committed to developing efficient, tailored solutions to meet diverse business and project requirements.

Work Experience

Instructor, ID Tech

June 2024

- Developed and tailored lesson plans to accommodate different learning styles, presenting complex technical concepts in Python, Java, C++, and JavaScript.
 - Delivered hands-on, project-based learning, ensuring engagement and understanding.
 - Managed classroom environments, guiding students through projects while troubleshooting technical issues.
-

Education

Texas State University

Bachelor of Science in Computer Science

Expected Graduation: May 2027 | San Marcos, TX

Projects

Winning Space Race with Data Science

- Leveraged Python and libraries such as Pandas, NumPy, and Matplotlib to manipulate, clean, and analyze historical datasets.
- Developed predictive models using machine learning to forecast future space missions and technological advancements.
- Presented insights through data visualizations, reports, and dashboards, highlighting trends in space exploration.

Unity Platformer Game

- Designed and developed a [genre, e.g., 2D platformer] using Unity and C#, implementing key game mechanics such as player movement, enemy AI, and interactive level design.
 - Optimized physics-based interactions and collisions to ensure a smooth, realistic gameplay experience.
 - Managed version control using Git and deployed the game on [platforms, e.g., Windows, Android].
 - Collaborated with a team to design assets, levels, and refine gameplay.
-

Certifications/Organizations:

DataAnalysis with Python,

Organization: Coursera

Member, Artificial Intelligence and Machine Learning Club (AMCI)

Engaged in discussions on AI, machine learning, and data science topics.

Member, Texas State University Swim Team

Actively participated in team practices, competitions, and community events.