

Tyler Mathis



I am seeking opportunities to apply my skills in game design and programming to create engaging and immersive gaming experiences. I am also interested in data science and want to explore ways to use my skills in data analysis, machine learning, and statistics to help organizations make data-driven decisions and solve complex problems. My goal is to land a position that will allow me to engage these interests and continue learning and growing in the industry.

PROFESSIONAL EXPERIENCE

June 2021–Present | Evercast – Precast Supply

Senior Estimator

- Read construction drawings in order to appropriately size concrete structures in storm drain and sewer lines.
- Used a set of guidelines as well as critical thinking to size the structures based on various dimensions.
- Entered various data about the structures into spreadsheets.
- Worked with management to design an estimating tool to improve accuracy and efficiency in estimating.
- Created the estimating tool, which greatly increased productivity, in Excel using advanced functions and VBA.
- Took calls and answered questions from customers about issues and design requirements.

Solo Game Developer - Farmburgh

- Developed and released a game using Unity and C#, working independently on all aspects of the game development process.
- Designed and implemented a variety of engaging gameplay features.
- Utilized a wide range of premade graphical assets to bring the game world to life.
- Used SQLite databases for save data and game data management, ensuring efficient storage and retrieval of data.
- Created an engaging Steam page with visuals and descriptions to entice users to buy the game.
- Composed original music for the game's soundtrack.

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EDUCATION

Aug 2016 – May 2020

**North Carolina State University,
Raleigh, NC**

BS, Statistics

Minor, Computer Science

RELEVANT SKILLS

Microsoft Excel	Professional – 2 Years
Excel VBA	Professional – 1 Year
Python	Hobbyist – 4 Years
C#	Hobbyist – 2 Years
MySQL / SQLite	Hobbyist – 1 Year
Data Cleaning	Hobbyist – 3 Years
Regression Analysis	Academic – 2 Years
Data Analysis	Academic – 2 Years

Inquisitive

Adaptable

Expert at Googling