James Wesley Tolliver
Systems Programmer

Always seeking to broaden my understanding of computers and systems to develop practical and more extendable software solutions.

https://jameswitoll.github.io/

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Skills

Relational Database
SQL, TSQL, PostgreSQL, SQL Server

Graph Database

Cypher Query Language, Neo4j

Programming Languages
C#, Java, Python, JavaScript, C++, GDScript, Blueprints

Front End Tools
HTML, CSS, Knockout JS, JQuery, Bootstrap

Back End Tools
Node JS, Express JS, ASP.NET MVC

Game Engines / Frameworks
Unreal Engine 5, Godot 4, Monogame

Development Tools
SQL Server Management Studio, Visual Studio, Visual Studio Code, Git Version Control, Android Studio, VIM

Operating Systems Proficiency
Windows, Linux

Education

Bachelor of Science in Computer Science
Western Carolina University, Cullowhee NC

Graduation – May 2022

GPA – 3.851

Associate of Science

Central Carolina Community College, Sanford NC

Graduation – May 2019

GPA – 3.8

Work Experience

Systems Programmer/Analyst

RTI International – Research Triangle Park, NC 27709

July 2022 – Present

Developed and provided support for various web based systems critical to surveys conducted by RTI. This work involved full stack development of these systems, often working simultaneously in large codebases and databases. Projects worked on include the California Youth Tobacco Survey (CYTS), National Youth Tobacco Survey (NYTS), High School & Beyond Study (HS&B), Trends in International Mathematics and Science Study (TIMSS), International Computer and Information Literacy Study (ICILS), and more.

Relevant skills – C#, ASP.Net MVC and Web Forms development, SQL and SQL Server, Javascript, JQuery, Knockout JS, HTML, CSS, Visual Studio, Git VCS, Windows OS, Communication

Computer Science Student Assistant

Western Carolina University – Cullowhee, NC 28723

Spring 2020 – Spring 2022

Worked with Computer Science professors to help make sure students understood concepts in class and were able to complete classwork. Involved reviewing code, providing feedback, and communicating core programming concepts to students.

Relevant Skills – Communication, Python, HTML, CSS

Academic Awards

Beginner Computer Science Award – April 2020
Western Carolina Department of Math and Computer Science

Intermediate Computer Science Award – May 2021
Western Carolina Department of Math and Computer Science

Senior Computer Science Award – April 2022
Western Carolina Department of Math and Computer Science