

How to use these example programs:

### **Most Relevant examples**

**Capstone (Non-Interactive)**– Agile - entire software development lifecycle, from concept and design to testing and deployment. Made with a cross functional team of classmates to deliver quality software solutions. Extensive technical documentation, unit tests. Used Git and common source control patterns (e.g. proper branch management, pull requests).

**Java Personal Project (Interactive)** – Web Application, data driven multi user, multi role app where users in various roles have various limitations on what they are allowed to see, create, update, or delete. Data is stored in a MySQL data base and served with a mix of custom data access and canned Api calls from Spring. Feel free to register and play around on this.

### **Other Highlights:**

**2d Game Dev (Interactive)** – Full realized 2d platforming game, made and designed entirely by me. Shows creative solutions and approaches to issues and organizational processes. Converted concepts to quality, user-friendly solutions. Free to play, Controls are:

A/D: Rotate

Space : Jump

M: Return to level select

**Budgeting demo (Interactive)**: A data analysis tool. Feel free to create a new user and load the sample txt transactions. Data is loaded in from Green State baking statements and allows the user to categorize their banking transactions. Stored in a MySQL database.

**Honors Project (Interactive)**: A business enablement automation tool that takes a data dictionary and quickly creates a suite of compatible C#, Java, MySQL, T-SQL, JavaScript code for front and back end. Due to constant updates, please clone the repo into Visual Studio if you want to run this.

**Client-Side Scripting (Interactive)** – Shows use of frameworks (JavaScript/ jQuery in this case) to develop a user friendly form.

### **Other skills on display**

**Post Fix (Interactive)** – Shows knowledge of various data structures.

**Baseball Demo (Non-Interactive)** – Shows accessing data from an API

**.Net II/III Final(Non-Interactive)** –Desktop application – Another multiuser/multirole application. Data is stored in T-SQL. Heavy use of the SOLID principles, coding to contract

Thank you for reading this!

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