| **David McGuffey**  [**LinkedIn**](http://www.linkedin.com/in/davidmcguffey1) • [**Github**](https://github.com/dmcguffey) • [**CodeWars**](https://www.codewars.com/users/dmcguffey)  Phone: (601) 940-6979 Email: david.mcguffey1@gmail.com  **Education** **TrueCoders** — *Full Stack Software Engineering* —**August 2023** At a self guided pace, the course undergoes teaching of key concepts and principles of building applications. The course included multiple projects and assignments all for the purpose of teaching full stack development primarily using .Net framework.   * Object oriented Programming using C# and SQL databases * Front End Development using HTML, CSS, and Javascript * Use of API’s and ASP.NET * Use of Source Control with Git and Github  | **Bachelor of Science, Psychology**  Mississippi State University  May 2016 | **Bachelor of Science, Nursing**  University of Mississippi  August 2017 | | --- | --- |   **Technical Projects**  **AppointmentMD –** This is an ASP.NET MVC web application for creating, reading, updating, and deleting appointments for a given physician office. Using Dapper, the application pulls the data from a SQL database to show all appointments. The user can decide to filter the appointments based on physician, edit appointments, delete, and create new ones. In addition, the user can edit pertinent patient info on patients visiting the clinic. It is designed for use in a physician’s office only.  **Key Features**   * Use of Object Relational Mapping * Connecting SQL database tables using foreign keys * Basic CRUD principles in data management   >> [View in Github](https://github.com/dmcguffey/AppointmentMD)  **Bestbuy DB** - This is an ASP.Net MVC web application using CRUD functionality to view a product database in Bestbuy. Using an ORM known as dapper, the user can view, edit, and delete products from a SQL database. This project also implemented Gitflow in development using a develop and feature branch in building its features and methods.  **Key Features**   * Use of Object Relational Mapping * Accessing SQL database * CRUD functionality   >>[View in Github](https://github.com/dmcguffey/BestBuyDB)  **Med Titration** - Console application for return of correct dosage of medication based on order given. User provides order to the system along with stocked medication. The program then provides the correct dosage to the user to safely administer.  **Key Features**   * Implementing class library and interface * 3-tier Architecture design pattern * Unit Testing using XUnit   >>[View in Github](https://github.com/dmcguffey/MedTitration)  **ATM** - Console application for accessing and managing a user’s checking or savings account. User must first provide a card number to be verified. Once verified, they must provide the pin number associated with the card. This will display the account and give the user the option of withdrawing or depositing into the account.  **Key Features**   * Abstract inheritance * Encapsulation   >>[View in Github](https://github.com/dmcguffey/ATM)  **Other Experience**  Electrophysiology Clinical Care Coordinator Registered Nurse  August 2022- Current  Intensive Care Unit RN 2017-Current | **My Google Drive**  * [Project Photos](https://drive.google.com/drive/folders/1z9U-rUReF7PogSHxj6EPYhuO30i4VnYY?usp=sharing) * [Project Videos](https://drive.google.com/drive/folders/1uCr8O6x2cOAPu_9W_so-Q5tPlGXdpz-P?usp=sharing)   **Languages**   * C# * SQL   **Technologies**   * ASP.Net MVC * .NET Core * MySQL * Dapper * RestAPI * Object Oriented Programming * Relational databases   **Certificates**   * [Full Stack Software Engineering](https://drive.google.com/file/d/1mKt3WvDH3yZ75j_C5uyx1itQEzNfB3rz/view?usp=sharing) |
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