

Brian King: Software Developer

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• [Codewars: BitsBytesAndLife](#)

EDUCATION

TrueCoders: 12 Months of Advanced Technical Training

June 2018 - June 2019

- Over 1450 hours of intensive, project-based training in programming languages and other technical skills, such as C#, .NET Core, Python, Git, SQL, and ASP.NET MVC.
- These skills were developed by building multiple projects in Visual Studio and Visual Studio Code, using Git and GitHub for source control.
- Managed SQL databases using the CRUD operations in MySQL

Tennessee State University - Nashville, TN

May 1999

Bachelor of Business Administration

- Major: Business Information Systems
- Activities/Awards: Member of the Men's Track Team /Four-Time Scholar Athlete

TECHNICAL PROJECTS

Dymo Printer in C#

- Application made in Visual Studio using C#, .NET Core, ASP.NET MVC and MongoDB.
- Connects to a Dymo printer and prints out a label.
- Connects to NoSQL database.
- Inserts and Views all of the records of NoSQL and ASP.NET MVC.

Sonic Video Game in Python

- Application made in Visual Studio Code using Python and Pygame modules.
- The game spawns a one-block-wide Sonic and a one-block gold ring.
- The game has Sonic themed background music
- The player controls the direction of the constantly-moving Sonic with the arrow keys.
- Whenever the Sonic collides with a gold ring, Sonic's speed increases, and a new gold ring spawns at a random location.
- The game ends when the player collides with part of the Sonic's body or the edge of the screen.

GeoCoordinate Parser in C#

- Application made in Visual Studio using C#, .NET Core, and xUnit testing.
- Uses a CSV document which lists the city and coordinates of different restaurants.
- The application splits each line of the document into an array ([location name, latitude, longitude]).
- Test-driven development ensures that invalid and missing data is handled correctly.
- If the data is out of bounds or cannot be parsed, then the parse method returns null. Otherwise, the latitude and longitude are parsed.
- The distance between each pair of coordinates is calculated in order to find the two restaurants furthest apart.

CRUD in C#

- Application made in Visual Studio using C#, .NET Core, and ASP.NET MVC.
- Connects to a MySQL database.
- Runs all CRUD operations (Create record, Read records, Update records, and Delete records) in the on the MySQL Database .
- Views all data in ASP.NET MVC.

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PROFESSIONAL EXPERIENCE

Kingz of Kingz Beard Club

Owner

June 2018 - Present

- I started a company that creates beard products for beards like beard oil, beard balm, and beard wash.

Primary Caregiver – Huntsville, AL

June 2006 - May 2018

Caregiver

- I was my mother's primary caregiver. She suffered a stroke that left her right side of her paralyzed.

TekSystems – Huntsville, AL

December 2005 - May 2006

Web Developer

Gleason Research Associates, Inc. (6-month contract)

- Worked in a team environment to develop/create an RFID application using ASP.NET.
- Worked on-line scheduling application. (Classic ASP).

Alabama A&M University – Normal, AL

November 2004 - September

2005

Technology Coordinator/Database Administrator

- Point of contact for the school of Education for all of I.T. needs.
- Website administrator for the School of Education.
- Managed and mentored student workers.
- Developed web applications (ASP, ASP .net, and C#).
- Participated in new system applications demonstrations, training classes, and application system queries sessions for all internal associates when necessary (Faculty and Students).

VECTREN Corporation – Evansville, IN

June 1999 - October 2004

Programmer/Analyst

- Full Product Lifecycle experience consisting of idea and specification generation, development, maintenance, project management and documentation. Focusing on a two-tier client-server application development using Oracle, PL/SQL, and Paradox.
- Converted a Java Application to Visual Basic.
- Assumed technical lead on the following projects: GIS, PowerOn Remote Dispatch, and GIS upgrade.