# Brian Spencer

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## EDUCATION:

**Bachelor of Science: Computer Science**      **May 2020**
Eastern Kentucky University      Richmond, KY

## SKILLS:

**Languages:** C# (.NET and .ASP), Java, JavaScript (React), MySQL, PHP, Python, R, Swift

**Tools:** Git, Travis CI

## COURSE PROJECTS:

### LAMP Web Application      June 2020

- Created a web application utilizing the LAMP Stack.
- Application is written with pure PHP, HTML, and Boostrap (styling).
- Application allows users to log in, create accounts, and perform several functions handled by server.

### Pharmacy, Doctor, & Patient System      November 2019

- Created a program that allowed users to perform patient, doctor, or pharmacy functions.
- System utilized a MySQL database (through MariaDB) to store users and prescriptions.
- Utilized the .NET stack within Visual Studio to create all Windows Forms.

### Java Name Sorter      November 2019

- Created a Java program that would sort a text file with names in ascending and descending order.
- Made several revisions upon requirement changes via GitHub.
- Automated testing on new builds by integrating Travis CI for continuous integration.

### Full Stack Web App      May 2019

- Developed a SQL database that had held several thousand entries.
- Implemented features such as query, insertion, and deletion into a C#-based website that interfaced with the database.  Built with  .ASP via Visual Studio.

## WORK EXPERIENCE:

Mathematics and Statistics Tutoring Center, EKU, Richmond, KY      **August 2018 – May 2020**

### Course-Embedded Consultant

- Performed 200+ one-on-one meetings with students to consult on their tests and general skills.
- Assisted students during lectures in College Algebra topics.

### Mathematics and Statistics Tutor

- Assisted students with various Mathematics and Statistic topics in a walk-in environment.
- Performed dozens of private, one-on-one tutoring sessions with students in Calculus I-III topics.