Serena Gibbons

Software Engineer

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EDUCATION

Computer Systems Technology Certificate // December 2019
Farmingdale State College, Farmingdale, NY
42 Credits, Cumulative GPA: 4.0

Bachelor of Science in Psychology // May 2017
Boston College, Morrissey College of Arts & Sciences, Chestnut Hill, MA
Concentration in Neuroscience, Pre-Health Track

WORK EXPERIENCE

Mathematics Tutor // July 2019 – Present
Farmingdale State College, Farmingdale, NY
- o Tutor college students in mathematics, including but not limited to statistics, calculus, and linear algebra
- o Provide homework help, exam preparation, and review of lesson material to students and ensure that students gain a greater understanding of the subject
- o Maintain a detailed record of tutoring sessions including the student tutored, course, and length of session

Emergency Department Medical Scribe // June 2017 – May 2018
ScribeAmerica, Huntington, NY
- o Accompanied ED physicians during patient visits and assisted with documentation such as recording patient medical history and exam findings into the electronic medical records
- o Managed confidential patient information including accessing patients' past medical history and previous patient visits according to HIPAA standards
- o Maintained medical chart efficiency to increase ED patient flow

SOFTWARE PROJECTS

Tidy Mail // source: github.com/serenagibbons/tidy-mail
- o A C# WPF application developed to declutter a user's email inbox; accesses a user's Gmail messages using OAuth 2.0 and the Gmail API to view the user's inbox and delete selected messages
- o Enables users to search through their Gmail messages using Gmail search operators and delete up to 1,000 emails at a time, using threading to retrieve and delete emails while updating the GUI

Recipe Blog // source: github.com/serenagibbons/recipe-blog
- o An ASP.Net MVC application written in C# to model a cooking blog
- o General users may view recipes while an administrator may post, edit and delete recipes using SQL Server Express
- o Pages were designed using MVC design, HTML with Razor syntax, CSS, and Bootstrap

SKILLS

Programming Languages

C++, Java, C#, SQL, Python, R, Bash, HTML, CSS, XML

Libraries & Frameworks

Android, ASP.Net, WPF, JavaFx, Bootstrap

Database

Azure SQL Database, Microsoft SQL Server, Google Firebase

Tools

Git, GitHub, Visual Studio, Eclipse, Minitab, SPSS, MS Office

Design Patterns & Methodologies

Agile, MVC, MVVM, SDLC

CERTIFICATIONS

Oracle Certified Associate, Java Programmer I SE 8. Issued August 2019

SQL for Data Science by University of California, Davis on Coursera. Certificate earned on March 8, 2018

VOLUNTEER EXPERIENCE

Emergency Medical Technician
July 2015 – Present
Manhasset-Lakeville Fire Department Ambulance Unit, Great Neck, NY

Emergency Medical Technician
September 2015 – May 2017
Boston College Emergency Medical Services,
Chestnut Hill, MA