Serena Gibbons

Software Developer

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WORK EXPERIENCE

Software Developer   July 2022 – Present

YesElections, Mineola, NY

- Developed internal and client-facing features for the proprietary Election Manager web application using C#, ASP.NET MVC, T-SQL, Microsoft SQL Server, JavaScript, and jQuery.
- Led the development implementation for tracking email bounces and complaints using Amazon Simple Email Service (SES) and Amazon Simple Notification Service (SNS) along with YesElections' RESTful API.
- Analyzed business and functional requirements, and devised technical documentation for development projects.
- Communicated with technical and non-technical departments of YesElections and client organizations.
- Maintained current web and desktop applications through testing, debugging, troubleshooting, and developing feature enhancements.

Junior Software Developer   October 2020 – July 2022

YesElections, Mineola, NY

- Led the design and development of a project to automate tasks between the sales and project managers, through integrating Google Drive APIs, the Asana API and YesElections' RESTful API, and establishing a webhook with Asana.
- Utilized relational databases by executing queries and creating stored procedures for application use.
- Collaborated with the development team to troubleshoot problems and devise technical solutions.
- Designed and implemented a user interface for project managers and clients to update election events.

Mathematics Tutor   July 2019 – September 2020

Farmingdale State College, Farmingdale, NY

- Tutored college students in mathematics, including but not limited to statistics, calculus I & II, and linear algebra
- Effectively identified students' mathematical competencies and weaknesses to ensure student understanding.
- Prepared review material and clearly communicated topics to students.
- Provided homework help, exam preparation, and review of lesson material to students.

SKILLS

Programming Languages – C#, Java, C++, T-SQL, Python, JavaScript, HTML, CSS

Databases – Microsoft SQL Server, Azure SQL Database, Google Firebase

Frameworks & Libraries – ASP.NET MVC, Android, Bootstrap, JavaFx, jQuery, React, WPF

Tools – Git, GitHub, Microsoft Team Foundation Server, XML, JSON, AJAX, R, Bash shell, OpenSSL, PowerShell

CERTIFICATIONS

Oracle Certified Associate, Java Programmer I SE 8. Certificate earned on August 2, 2019.

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

EDUCATION

Certificate in Computer Systems Technology   December 2019

Farmingdale State College, Farmingdale, NY

42 Credits. GPA: 4.0. Honors: President's List Spring 2019, President's List Fall 2019

Bachelor of Science in Psychology, Concentration in Neuroscience   May 2017

Boston College, Morrissey College of Arts & Sciences, Chestnut Hill, MA

VOLUNTEER EXPERIENCE

Emergency Medical Technician   July 2015 – Present

Manhasset-Lakeville Fire Department Ambulance Unit, Great Neck, NY

Positions held: Secretary, March 2022 – Present

- Led and collaborated with other team members to treat and manage life-threatening medical emergencies.
- Assessed patients' signs and symptoms, obtained vital signs, and thoroughly documented patients' medical history.
- Educated patients during emergency and non-emergency situations on treatment and transportation options.