

Shazena Khan

SUMMARY

A recent full-stack bootcamp graduate with a proficiency in Java and experience using the Spring framework, SQL, Vanilla JS, Bootstrap, HTML, and CSS. I enjoy problem solving, debugging, researching, experimenting. I'm a fast learner looking for a position that will allow me to learn new technologies and work with great minds to develop new ideas. Formerly a high school math teacher where I co-taught many classes and taught one on JavaScript which fueled my own interest in the field of programming.

EDUCATION

The Software Guild – TechHire at LaGuardia Community College Java Coding Bootcamp

Long Island City, NY
November 2020

- Course in Object Oriented Programming and Database Driven Web Applications

Queens College, City University of New York Bachelor of Arts in Mathematics, Cum Laude, GPA 3.6

Queens, NY
May 2015

- Minor: Secondary Education

Relevant Coursework: Introduction to Web Development, Discrete Mathematics, Intro to HTML, Intro to Java, Linear Algebra, Multivariable Calculus, Problem Solving using Wolfram Mathematica.

SKILLS

- Java
- HTML/CSS/Vanilla JS
- Spring MVC
- Adobe Photoshop, Illustrator
- Git
- Bootstrap Framework
- Spring JDBC
- Thymeleaf
- SQL
- Junit Unit Testing
- Spring Security
- jQuery

PROJECTS

- **Blog/Content Management System Project** – Design a full-stack CMS where an admin is allowed to post content to the site, a content creator is allowed to post content but only after getting approval, and logged in users of the site can leave comments. Built using MySQL, JDBC, Java, Spring Boot and Spring Security, TinyMCE, a REST API, Bootstrap, HTML, CSS and Thymeleaf using the Model-View-Controller structure. The project also has a full suite of unit tests for the Model Layer.
- **Superhero Sightings Project** – Group Project where I was the Team Lead. We designed a full-stack application to track Superhero Sightings. A user could keep track of powers, superheroes, locations, organizations and sightings. Built using MySQL, JDBC, Java, Spring Boot, Bootstrap, HTML, CSS, Thymeleaf and Vanilla JS in the Model-View-Controller structure. Also contains a full suite of unit tests for the Model Layer.
- **Vending Machine Front End for REST API in the Backend** – Created a Bootstrap, HTML, and CSS page that was populated by a REST API to model a vending machine. JQuery was used to make the AJAX calls to bring data to the page.
- **Bulls And Cows Game** – Created a REST API for the game Bulls and Cows using Java and Spring Boot.

EXPERIENCE

NYC Museum School – Classroom Teacher - Manhattan, NY

2016-2018

- Teach Algebra 1 and Geometry Common Core, Co-Teach ICT Geometry class and Structures and Architecture class
- Teach Intro to JavaScript to Juniors and organize trips and relevant activities
- Analyze past Regents exam data to create revised curriculum

John Adams High School – Classroom Teacher – Ozone Park, NY

2015-2016

- Teach Algebra 1 to Freshmen and Sophomores
- Independently plan and cooperatively plan lessons based on state curriculums and exam result data
- Implement inquiry based instruction where students learn by exploration and experimentation.

PROFESSIONAL DEVELOPMENT

- Microsoft Build Digital Event 2020
- Codeland Distributed Conference 2020