

SUMMARY

Former high school math teacher turned full-stack bootcamp graduate looking forward to applying my proficiency in Java, Spring framework, SQL, Vanilla JS, Bootstrap, HTML, and CSS toward problem solving, debugging, researching, testing. As a quick learner with interest in the latest technologies, I want to work with great minds on the newest disruptions.

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. Includes a full suite of unit tests for the Model Layer. Learned how to use Spring Security to allow users to create their own accounts to leave comments and restrict access to certain URLs from the backend, how to use Thymeleaf Fragments to make portions of the site reusable, like the header, how to integrate security in an AJAX call to allow communication with a REST API to allow image uploads.
- **Full-Stack Tracker Application** – 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.
- **jQuery Front End for REST API** – 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.
- **Spring Boot REST API** – 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.

CURRENTLY WORKING ON

- Learning React by Creating a Trivia Game
- Java Android Development