

Michael A. Troia

Software Developer | U.S. Army Veteran (Active Secret Clearance)

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Recent U.S Army Veteran and full-stack web development graduate looking forward to leveraging years of leadership and public communication skills, programming and computer skills, and an eagerness to learn and grow professionally. Led a team of 4+ in day-to-day operations and held the title of Safety Officer for over 3 years supervising more than 20 employees.

Technical Skills

HTML CSS Grid/Flexbox JavaScript Bootstrap MySQL jQuery Spring Boot Java SE Java EE Object-Oriented-Programming VCS with Git Paired Programming

Exposure to:

React Python Test-Driven-Development 3D Graphics (Blender) C# Game Development (Unity 3D)

Development Projects

Portfolio Website - <https://MichaelTroia.com>

A static portfolio site deployed and hosted through GitHub Pages to showcase development projects and demonstrate relevant skills, features a blog with periodic updates on project development progress and feature updates/improvements, and provides a platform to view my contact information and send messages through Google Forms.

Technologies: HTML, CSS, JavaScript, Bootstrap, jQuery

Social Media Website - <https://JustFriends.online>

A social media site where users can connect with friends, post statuses/pictures, comment, and create photo galleries, using Filestack to upload photos, and SpringBoot security to authenticate users with their usernames and hashed passwords. I developed and deployed this website with a cloud database and ship features and updates regularly.

Technologies: Java, JavaScript, HTML, CSS, Spring Boot, Thymeleaf, MySQL, Filestack API, Bootstrap, RESTful API

Weather App

A weather app that displays a 5-day weather forecast in the location of the user's choosing using custom design implementing Openweather API.

Technologies: HTML, CSS, JavaScript, Ajax, RESTful API

Work Experience

U.S. Army - United States Institute of Surgical Research (USAISR)

Lab Technician: February, 2015 - February 2021

Supported burn and combat injury treatment research in a medical laboratory environment in addition to standard military service requirements such as physical labor, traveling, leadership training, developing formal procedures, etc. Trained in a wide variety of lab equipment, including required daily, weekly, and monthly quality assurance testing and maintenance.

Non-Commissioned Officer In Charge (NCOIC): July 2018 - July 2020

Led a team of 4+ in day-to-day operations of the immunohistochemistry department at the USAISR. Coordinated with researchers and subordinates to create work orders and deadlines, reporting to the department manager and researchers on completion. Was responsible for the prioritization and delegation of tasks as well as administrative tasks, including inventory and purchasing supplies.

Safety Officer: July 2017 - July 2020

Created and delivered quarterly safety presentations and hands-on safety training events for the Lab Support Division of more than 20 employees. Performed safety inspections on work conditions and equipment, and provided safety training to new employees.

Education

B.S., Business Administration - Anticipated Graduation January, 2022 (3.7 GPA)

University of the Incarnate Word, San Antonio, Texas

Concentration: Information Systems. Areas of focus/interest: Business analysis, finance, marketing, statistics, management science

Professional Certification (Codeup), Full Stack Web Development - Feb. 2021

Project-based, intensive 22-week full-stack Java career accelerator in software and web development. Course featured online back and forth instruction remotely, with grading and projects in HTML, CSS, JavaScript, MySQL, Java, and Spring.