


Scott Carpenter

Software Developer

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 [LinkedIn/ScottCarpenter](https://www.linkedin.com/in/ScottCarpenter)

 [GitHub/ScottCarpenter](https://github.com/ScottCarpenter)

Service-minded Software Developer and Army veteran with a B.S. in Biomedical Science and experience as a hospitality leader. My military and professional background have developed me into someone who asks questions, marvels at challenges, serves others, and enjoys finding creative solutions and those qualities are a great match for full stack web development. I aspire to immerse myself in STEM industries such as healthcare technology to develop more user-friendly patient-provider interactions, or participate in business technology applications to serve customer needs.

Technical Skills

HTML - CSS - Bootstrap - JavaScript - jQuery - Java SE - Java EE (Servlets, JSP) - Spring - MySQL - Thymeleaf - Object-Oriented Programming - Test-Driven Development - Version Control with Git - Paired Programming

Development Projects

[Clear to Close](#)

In this team-developed full-stack application, we constructed a website that allows home-buyers to submit offers directly to the home seller anonymously and get instant updates once it goes under contract. Development was organized using SCRUM methodology in a Spring framework to deliver a secure, single-page application using ATTOM real estate and Google Maps APIs. Prospective “buyers” can search current listings, view home details, submit anonymous offers, and receive instant email updates regarding status changes to the listing.

[OpenMat](#)

In this solo full-stack application, I built a RESTful blogging platform oriented towards connecting martial artists of all backgrounds. Using Spring framework, I implemented OAuth security with JWT tokens for encrypted login credentials, dynamically rendered HTML and Javascript into a single-page application, and utilized Bootstrap framework to add clean styling to the user interface.

[Weatherly](#)

In this solo project I built a mobile-friendly tool using Mapbox & WeatherMap APIs that generates a 5-day weather forecast by city search, geo coordinates, or marker drag. JavaScript and jQuery libraries were used to implement page functionality and Bootstrap was used to render to styling of 5-day forecast cards.

Military Experience

U.S. Army - Fort Bragg, NC

Special Forces Candidate (Infantryman) / Jul 2014 - Jun 2018

- Performed training in combat tactics, physical fitness, land navigation, strategy/planning, basic leadership skills, personnel management, and unconventional warfare
- Participated in training involving emergency medical care, trauma assessment and intervention, triage, physical exams, pharmacology management, airway interventions, wound management, splinting and suturing, basic thoracic ultrasound assessments, IV/IO/NG/catheterization, basic obstetrics/gynecology, advanced cardiac life support, and dental care
- Formerly Certified in: NREMT, PEPP, ACLS, & CPR

Professional Experience

Tomball ISD - Houston, TX

Substitute Teacher / Aug 2021 - Dec 2021

- Delegated instructions to students following the lesson plans for academic disciplines
- Mentored students about ideas and concepts that were unfamiliar to their formative knowledge
- Managed the pace and behavior of students in multiple classroom environments

Sam Houston State University - Huntsville, TX

Laboratory Teaching Assistant / Jul 2020 - Dec 2020

- Instructed laboratory methodology of a cohort of 20 fellow undergraduate student across in-person and virtual platforms
- Guided students through basic optical microscopy, spectrophotometry analysis, and micropipetting techniques to study microorganisms
- Coached students in writing techniques used to draft scientific research proposals using the methodology taught by myself and the cellular biology instructor

Pappadeaux Seafood Kitchen - Houston, TX

Dining Floor Manager / Aug 2012 - Jun 2014

- Served as a ambassador for client-to-restaurant relations and supervised daily operations of a multi-million dollar restaurant franchise of nearly one-hundred employees
- Mediated operational issues between waitstaff and kitchen staff to ensure optimal flow of business relations
- Facilitated friendly relationships with dining patrons through conversation and delegated guest needs to waitstaff
- Communicated business operations with other members management, waitstaff, and back-of-the-house employees

Education

Codeup

Certification of Completion

Dec 2021 - Jun 2022

A fully-immersive, project-based, and intensive 22-week Full-Stack Java Career Accelerator that provides students with 670 hours of expert instruction in software development.

Sam Houston State University

Bachelor of Science in Biomedical Science

Aug 2018 - December 2020

Completed a four year degree focused on the applications of life sciences and chemistry in professional vocations.