

## Technical Skills

**Languages:** C#, C++, CSS 3, HTML 5, Java, JavaScript, PHP, Python, ASP.NET Razor, SQL

**Frameworks/Libraries:** ASP.NET Core, Bootstrap, Django, Entity Framework Core, Express, jQuery, JSON, Node, React

**Methodologies:** AJAX, MVC, MVT, OOP, Responsive Design, REST APIs

**Databases:** MySQL, MongoDB, SQLite, Microsoft SQL Server

**Development Tools:** Visual Studio, Visual Studio Code, Atom, Postman, Eclipse, Unity, Microsoft Office

**Version Control:** Git, GitHub

## Technical Projects

### Ecommerce Website - JavaScript, MongoDB, Express, React, Node

- Architected an E-commerce single page application with RESTful routing using JavaScript, Express, React Redux, Node, MongoDB that incorporates a user management feature.
- Established consistency of pages to react across client, server, and native environments using React Redux.
- Developed back-end with Express framework and MongoDB for flexibility and ease of data access.
- Integrated Bcrypt function to enhance user security and data protection.
- Designed using React Bootstrap library which provided more accessibility through React's component model.

### Web Scraper - C#, ASP.NET MVC, MySQL

- Collaborated with a team of three to build a site using C# ASP.NET that rates links based on information gathered from the URL.
- Applied Entity Framework Core with C# for object-oriented mapping using LINQ queries to manage databases.
- Incorporated MySQL database on server side to provide scalability in handling deeply embedded applications.

### Sample Food Ordering Site - Python, Django, SQLite, HTML, CSS

- Designed a responsive ordering web app using Python Django MVT framework and ORM that implements CRUD.
- Integrated client-side validations with HTML and server-side validations with Bcrypt for enhanced security.
- Constructed a responsive login and registration page with Python using SQLite to manage user network.

### Blog Site with Content Management System - PHP, Apache, MySQL, HTML, CSS

- Programmed a PHP based content management system (CMS) blog site from using RESTful routing from scratch.
- Utilized MySQL to transfer data using raw SQL and improve scalability of the database.
- Designed using CSS and Bootstrap ensuring responsiveness in mobile and desktop viewports.

### Mini Game Project - C#, Unity, Adobe Photoshop

- Developed a 2D game using Unity engine and incorporated OOP with C# in creating prefabs improving on testability of the program.
- Designed models using Adobe Photoshop for visual representation of sprites.

## Work Experience

### United States Navy – (Various Locations)

**(December 2011 – December 2016)**

#### Information Security Systems Officer | San Diego

(April 2015 – December 2016)

- Collaborated with 5 Web and Software Engineers to ensure department's software needs are met.
- Assisted in improvement on department scheduling system by integrating or expanding functionality of the program.
- Aided medical professionals with statistical data from the database for analysis further improving patient allocation and care.
- Provided excellent customer support in a high-stress environment with both front desk and help desk roles for software and or hardware related issues.
- Continuously reduced department troubleshooting through the continuous use of ticketing system.
- Improved department website using SharePoint resulting in easier data sharing amongst employees.

#### Surgical Technician | San Diego

(February 2013 – April 2015)

## Education

### Coding Dojo – Full Stack Web Development

(August 2020 – December 2020)

### University of La Verne, B.S. Computer Science

(August 2017 – June 2020)

Cumulative GPA: 3.60