**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**](https://mysuprashopapp.herokuapp.com) **- 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**](https://github.com/nathan-roe/ScamScraper) **- 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**](https://github.com/bellos711/python_project_mini_webapp) **- 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**](http://crossupon.info) **- 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**](https://github.com/bellos711/unity_project_occult_h) **- 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