**ERIC SHENG - SOFTWARE DEVELOPER**

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**SUMMARY OF SKILLS**

**EXPERIENCE**

**DECEMBER 2018 - PRESENT**

**OCTOBER 2018 - DECEMBER**

**2018**

**JUNE 2018**

**PROJECTS**

**PEOPLE TECH GROUP**

**PEOPLE TECH GROUP**

**PEOPLE TECH GROUP**

**Programming/Development: C#, Python, HTML5/CSS3/JavaScript, jQuery, Ajax, Java, SQL, T-SQL, Git/Github, Microsoft TFS**

**Frameworks: Flask, .NET Framework, ASP.NET MVC, ASP.NET Core, Entity Framework 6.0 and Core, Microsoft Azure, AWS, React, Bootstrap, Telerik Kendo UI**

**Methodologies: Full-Stack Web Development, Excel Spreadsheet Automation, Front-End UI/UX, Back-End, Scrum, Agile, Continuous Integration**

**Eager to learn new languages and frameworks, comfortable in any team environment**

# Software Development Engineer

**People Tech Group**

Developed and collaborated with multiple teams in a fast-paced, results driven environment. Working on and delivering multiple projects at a time, learning new languages and frameworks as the project needs require such, and testing

**Writing API's and Scripting in C#, Python, and JavaScript**

**Quickly picked up new technologies, as well as extrapolating requirements** from client and product owner needs

# UI Developer Intern

**People Tech Group**

Developing modern front end technologies as part of a small UI team under guidance, making company webpages and creating webapps with best practices

**Python, Flask**, React, HTML, CSS, JavaScript, jQuery

# Software Developer Intern

**Prosper IT Consulting**

Capstone Tech Academy project that went on to be deployed as production enterprise software, working as part of a small Scrum team working on various tickets and building out new features of ClockIn Scheduler

C#, SQL, Entity Framework, Ajax, HTML Razor Pages, jQuery

# WA State Investments Tracker

Investment tracker system to aid the client's requirements of searching investments, working with client and designers in front end and creation/integration of API's

Created initial Proof-of-Concept application independently as an ASP.NET Core application utilizing the third-party Telerik Kendo UI JavaScript framework

Using **API Automation testing** with tools like Postman to test API's and ensure endpoints are working within the application

# [Elliptica Website](http://ellipticaai.com/)

Lead developer on Project Elliptica, a website for PTG's Machine Learning team showcasing Their AI/ML products to prospective clients and businesses, with interactive demos for two of the products

Using **Python Scripting, JavaScript and Flask** to bring the various products to life in an end-to-end working demo within the website

**Liberty Chatbot**: An informational chatbot for HR needs, implemented UI and behaviors from scratch to appear as a live instant messenger

**Briefer**: A text summarizer web app with additional features, bringing summarized and entity data from documents into a presentable tables and forms of information. Demo can upload from multiple file formats or user inputted text

# MCIO Patch Tracker

Web Application built to streamline patching process for server admins use in tracking server restarts, patches applied, duration and more in a database. Responsible in constructing UI and middle tier code, part of the project's entire lifecycle

Using **C# and Entity Framework** to connect to existing database, quickly brought up a working solution under rapidly changing design requirements



**PROSPER IT CONSULTING**

**PERSONAL PROJECTS**

**ASP.NET MVC (C# AND RAZOR PAGES)**

**ASP.NET WEBFORMS (C#)**

**SQL / TSQL**

**EDUCATION**

**JAN 2018 - JUNE 2018**

**GRADUATED JULY 2012**

**GRADUATED JUNE 2010**

**REFERENCES**

User interface brings results and status' from server in real time, **greatly increasing efficiency** of the end users job amongst thousands of users

# [ClockIn Scheduler](https://github.com/EPS21/Tech-Academy-Projects/tree/master/Live%20Project%20Samples)

Full feature web application clock-in/out and scheduler, developed as a part of a team, using the ASP.NET MVC architecture. Includes an internal inbox messaging system, making time-off requests, a calendar system and more

Improved and added features to **user validation, querying, clock-in/out process, adding popup modal dialog boxes, user/admin interfaces**, etc.

Collaborated and contributed to the overall design process during standups **using the Scrum/Agile process**

Using **Ajax calls**, fixed errors and debugged both the **Front and Back-End**, to give an overall better user experience

Added **Modal dialog boxes**, improved and added features to **user validation, querying**, clock-in/out process, and user/admin interfaces

# [Monster Database Importer](https://github.com/EPS21/Tech-Academy-Projects/tree/master/ASP.NET%20C%23%20and%20MVC/MonsterDB)

Website application with the ability to **import data from Excel spreadsheets, automating mass excel manual work, and cleaning of bad data**

**Microsoft Azure** deployed, **CRUD** operations, **Sorting**, and written with **Entity Framework Code First methodology** to update future models easily

**Exception handling** is used to watch out for **edge cases and incorrect file types** to securely upload data to the database without storing potentially malicious files

# [War Card Game Simulator](https://github.com/EPS21/Tech-Academy-Projects/tree/master/ASP.NET%20C%23%20and%20MVC/WarCardGameSimulator)

A recreation of the card game War that simulates rounds played, and plays the game until a player has no more cards, or a set number of turns

Utilizing **OOP principles, Array-List collections, and Recursive methods** to handle basic game logic and multiple 'war' events

**Displays game results differently** depending on whether player one or player two has won, or a tie

# [Library Database](https://github.com/EPS21/Projects/tree/master/SQL)

**Full feature normalized database** of a library system with multiple tables, using **Stored Procedures** with various Join statements and Foreign Keys for querying requests similar to the needs of real life libraries

# Full-Stack Web Development (20-Week Program)

**The Tech Academy, Seattle**

# Bachelor of Arts in International Studies (Asian Studies Minor)

**University of Washington, Tacoma**

# Associate of Sciences in Computer Engineering

**Tacoma Community College, Tacoma**

Courses included **Java Programming I, II and III, Electrical Circuits,** Calculus, Linear Algebra, Differential Equations

Available upon request