**ERIC SHENG - SOFTWARE DEVELOPER**

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**SUMMARY OF SKILLS**

**EXPERIENCE**

**DECEMBER 2018 - PRESENT**

**JULY 2019 - PRESENT**

**OCTOBER 2018 - DECEMBER**

**2018**

**JUNE 2018**

**PROJECTS**

**ASP.NET CORE, KENDO UI**

**C#, AZURE STORAGE,**

**WEBJOBS**

**Programming/Development: C#, HTML5/CSS3/JavaScript(ES6+), Python, SQL/T-SQL, Git/Github, Microsoft TFS, Microsoft Azure**

**Frameworks/Libraries: .NET Framework, ASP.NET MVC/Core, Entity Framework, Razor Pages, React, Telerik Kendo UI, Bootstrap 4, GSAP, ScrollMagic**

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

**Eager to learn new languages and frameworks, comfortable in any team environment Conversationally passable in Mandarin Chinese and Japanese Language**

# Software Developer

**People Tech Group**

## Developed Full-Stack web applications in C#, ASP.NET Core/MVC, SQL and Javascript

**Quickly picked up new technologies and languages**, resolving development issues when available resources were low

Worked closely with designers, product owners, and remote team in gathering and understanding requirements

# Assistant JavaScript Instructor

**People Tech Group**

Assistant Teacher for an offsite introductory JavaScript class, at the Asian Counseling and Referral Service in Seattle

Introduced **JavaScript and programming concepts, HTML DOM and BOM, basic data structures** as part of regular lesson plans

Taught lessons with live demo's, gave individual help both in and outside of class, to prepare students for Exam 98-382: Introduction to Programming using JavaScript

# UI Developer Intern

**People Tech Group**

**Front-End development in React, JavaScript, jQuery, HTML5 and CSS3** Developing as part of a small UI team under guidance, making company webpages and creating webapps with best practices

# Software Developer Intern

**Prosper IT Consulting**

## Full-Stack Web Development in C#, ASP.NET, Entity Framework 6, Razor Pages, jQuery

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

# WA State Investments Tracker

Investment tracker to streamline clients need to quickly lookup investment data, change info, and sort info in a clean UI

Created **ASP.NET Core with Telerik KendoUI JavaScript framework** proof-of-concept application independently

Added features such as **global filtering, custom options per column, PDF/Excel file export**

Taken over others' work in the project, fixing bugs related to UI and updating of records

# Resume Finder Email Scheduler

Extended functionality of a current Resume Parsing application, to pull Resume attachments from a recruiters inbox automatically at scheduled intervals

Scheduled webjob to read unread emails and save attachments and info to Azure Blob and SQL storage respectively



**C#, ASP.NET MVC, JQUERY**

**PYTHON/FLASK, JAVASCRIPT,**

**JQUERY, GSAP**

**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**

Used different NuGet packages like **MailKit, Azure Webjobs, and Azure Storage**

Runs periodically throughout the day from an Azure Scheduler service

# MCIO Patcher Application

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

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

# [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

Using HTML/Bootstrap/CSS/ to integrate a fully responsive layout and worked with a design team to implement a modern and sleek website

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 enments into a presentable tables and forms of information. Demo can upload from multiple file formats or user inputted text

# [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, based on a classic MMORPG Ragnarok Online

**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