**ERIC SHENG - SOFTWARE DEVELOPER**

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**SUMMARY OF SKILLS**

**EXPERIENCE**

**DECEMBER 2018 - DECEMBER**

**2019**

**JULY 2019 - DECEMBER 2019**

**OCTOBER 2018 - DECEMBER**

**2018**

**JUNE 2018**

**WORK PROJECTS**

**ASP.NET CORE, KENDO UI**

**PYTHON, JAVASCRIPT, AZURE**

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

**Frameworks/Libraries: .NET Framework, ASP.NET MVC/Core, Web API, Entity Framework, Razor Pages, React, jQuery, Bootstrap, Telerik Kendo UI, 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, PM's, and remote team in **gathering user requirements and scoping out task items**

# JavaScript Instructor

**People Tech Group**

Instructor for an offsite introductory JavaScript class, for Javascript Exam 98-382 Taught **JavaScript and programming concepts, DOM, BOM and Browser compatibility, Data Structures** as part of regular lesson plans

# 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 Engineer 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

# People Tech Applicant Tracking System

Co-led development and utilized an existing open-source ATS, adding functionality of importing data from Azure Blob and SQL storage and parsing resume information

Instructed PM interns on project on how to **scope user stories into individual tasks Full-Stack web application** running on XAMPP stack, rewrote PHP modules and custom queries in MySQL Database

Integrated Email acquisition project into application, rewrote front-end to **improve performance in lookup of 10,000+ records** in the UI



**C#, AZURE STORAGE,**

**WEBJOBS**

**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**

**REFERENCES**

# Resume Finder Email Scheduler

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

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

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 statuses from server in real time, **greatly increasing efficiency** of the end users job amongst thousands of users

# E [lliptica 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

**Led development as PM**, gathering requirements from Product Owner, working with design team to implement said requirements

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

# M [onster 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 Ragnarök 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

**W** [**ar 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

# L [ibrary 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**

Available upon request