

# ERIC SHENG - SOFTWARE DEVELOPER

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## SUMMARY OF SKILLS

- **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

## EXPERIENCE

DECEMBER 2018 - DECEMBER 2019

### 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

JULY 2019 - SEPTEMBER 2019

### 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

OCTOBER 2018 - DECEMBER 2018

### 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

JUNE 2018

### 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

## WORK PROJECTS

ASP.NET CORE, KENDO UI

### 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

PYTHON, JAVASCRIPT, AZURE

### 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

C#, AZURE STORAGE,  
WEBJOBS

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

## 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

C#, ASP.NET MVC, JQUERY

## 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

PYTHON/FLASK, JAVASCRIPT,  
JQUERY, GSAP

## Elliptica Website

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

## PERSONAL PROJECTS

ASP.NET MVC  
(C# AND RAZOR PAGES)

## Monster Database Importer

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

ASP.NET WEBFORMS (C#)

## War Card Game Simulator

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

SQL / TSQL

## Library Database

**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

## EDUCATION

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

The Tech Academy, Seattle

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

University of Washington, Tacoma

## REFERENCES

Available upon request