ERIC SHENG - SOFTWARE DEVELOPER

Greater Seattle Area • 253-313-8263 • eshengdev@gmail.com • linkedin.com/in/ericsheng21 • github.com/EPS21

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 - DECEMBER 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

- 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

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

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

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

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

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