

ERIC SHENG - SOFTWARE DEVELOPER

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OBJECTIVE

To obtain a Software Engineering position in API automation that can apply my current experience gained thus far in my time as a developer

SUMMARY OF SKILLS

- **Programming/Development:** C#, Python, HTML5/CSS3/JavaScript, jQuery, Ajax, Java, SQL, T-SQL, Git/Github, Microsoft TFS, API Automation testing
- **Frameworks:** .NET Framework, ASP.NET Web Forms, ASP.NET MVC, ASP.NET Core, Entity Framework 6.0 and Core, Microsoft Azure, AWS, React, Flask, Bootstrap, Telerik Kendo UI
- **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**

EXPERIENCE

DECEMBER 2018 - PRESENT

Software Development Test 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, testing applications to ensure proper working conditions

- **API Testing and Scripting experience in C#, Java, and Python**
- **Restful API and test API services created and linking to front end applications**
- **Able to quickly pick up new technologies and extrapolating requirements from client and product owner needs**

OCTOBER 2018 - DECEMBER 2018

UI Developer Intern

People Tech Group

- Developing with 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

JUNE 2018

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

PROJECTS

PEOPLE TECH GROUP

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

PEOPLE TECH GROUP

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, 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

PEOPLE TECH GROUP

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

PROSPER IT CONSULTING

ClockIn Scheduler

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**
- Worked in **Scrum/Agile** methodology, and **Microsoft TFS** to collaborate and contribute to the overall design process with standups and design meetings

PERSONAL PROJECTS

ASP.NET MVC
(C# AND RAZOR PAGES)

Monster Database Importer

Website application with the ability to **import data from Excel** spreadsheets, with a theme based on the classic korean 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

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

JAN 2018 - JUNE 2018

Full-Stack Web Development (20-Week Program)

The Tech Academy, Seattle

GRADUATED JULY 2012

Bachelor of Arts in International Studies (Asian Studies Minor)

University of Washington, Tacoma

GRADUATED JUNE 2010

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**

REFERENCES

Available upon request