**Jungsu Lee**

(443) 754-1994 | jlee033195@gmail.com | Severn, MD | <https://myportfolio-app-sigma.vercel.app/>

##### EDUCATION

**Master of Science in Data Analytics** June 2024 - Present

*Western Governors University* | Salt Lake City, UT

**Bachelor of Science in Information Systems** Graduated: May 2020

*University of Maryland Baltimore County* | Baltimore, MD

##### SKILLS SUMMARY

**Data Analytics:** Python (Pandas, Scikit-learn), R, Visualization (Matplotlib, Seaborn, ggplot2, Tableau)

**Programming:** HTML, CSS, JavaScript (React, Vue), C# (.NET), SQL, Git

**Software:** MS Word/Excel/PowerPoint

## PROFESSIONAL EXPERIENCE

**Junior Web Developer –** *HealthCare Strategies, Inc.* | Columbia, MD June 2021 – November 2023

* Designed and developed a data-driven HealthManager dashboard in .NET, implementing visualizations and functionality that helped manage patient data and report generation
* Performed updates and ongoing maintenance on the desktop application, including access permissions and report generation
* Maintained database operations in MS SQL, cleaning and manipulating data for patient health reports and visualizations

**Crew Shift Manager –** *Kokee Tea* **|** Hanover, MD April 2020 – May 2021

* Led a team of 2-4 employees to ensure seamless operations, enhancing customer satisfaction by consistently meeting quality service standards
* Improved teamwork and communication skills to ensure efficient operations during high-traffic hours

##### PROJECTS

**Telecommunications Churn (Python)**

* Cleaned and preprocessed large customer datasets using the Pandas library, preparing data for effective predictive modeling
* Conducted Explanatory Data Analysis (EDA), examining key data relationships using t-tests and chi-square tests,

identifying critical features that influence churn rates

* Built and validated linear and logistic regression models (scikit-learn, statsmodels) to predict customer data

usage and churn risk

**HealthManager Dashboard (HTML/CSS, Vue.js, .NET C#, SQL)**

* Redesigned and maintained the HealthManager dashboard’s UI using HTML/CSS and Vue.js, enhancing patient data visualizations (data tables, charts), which improved data readability and user engagement
* Conducted client-side and server-side debugging in Vue.js and .NET C#
* Transformed outdated web pages with a modern UI/UX design, adding pagination and new data visualization features that improved user experience and system efficiency

**Streaming Service Analysis (R)**

* Compiled a comprehensive dataset from four major streaming platforms, including about 23,000 records to enable cross-platform analysis
* Explored and cleaned streaming platform data in R, preparing it for in-depth analysis and identifying patterns in user preferences
* Analyzed and visualized streaming platform data using ggplot2, uncovering trends in user engagement across platforms and content types

**CERTIFICATIONS**

• Microsoft Azure Fundamentals (AZ-900)