

FABIO YIN

Farmington Hills, MI | (213) 422-3562 | uscliyin@gmail.com | [linkedin.com/in/uscliyin/](https://www.linkedin.com/in/uscliyin/)

EDUCATION

Master of Science, Analytics

Jan 2021-Dec 2022

University of Southern California, CA, USA

GPA: 3.70/4.0

Key Courses: Predictive Analytics, Data mining, Decision Analysis, Marketing Analytics, Data Management

Bachelor of Engineering, Software and Engineering

Sep 2016-Jun 2020

Chongqing University of Posts and Telecommunications, Chongqing, China

GPA: 3.49/4.0 (Top 5%)

Key Courses: Database, Data Structure, Computer Networks, Software Analysis and Design, Probability Theory

Honors: Second Prize Excellent Graduation Design (2020); Triple-A Student (2019); Second-class Academic Scholarship (2019)

SKILLS

- **Programming Languages:** C#, Python, T-SQL
- **Microsoft Ecosystem:** Windows Server, ASP.NET (MVC, Restful APIs), IIS, .NET Framework/Core
- **Networking:** TCP/IP concepts, network configuration, and connectivity troubleshooting
- **Databases:** SQL Server, MySQL
- **Web Technologies:** HTML, CSS, JavaScript, XML
- **Tools & Processes:** SVN, GitHub, Agile/Scrum, Integration/Acceptance Testing, TDD

WORK EXPERIENCE

MES Engineer (Software Engineer) | Jing-Jin Electric North America, MI, USA

Feb 2024-Present

Manufacturing Execution System (C#, .Net MVC, .NET Framework, Asp.Net Webservice, WCF, DevExpress, SQL Server, Stored Procedures, SVN, LINQ, HTML5, CSS3, JavaScript, Integration/Acceptance Testing)

- Enhanced the MES system by developing additional user-focused features using **C#, .NET MVC, WCF, DevExpress, Stored Procedures, and SQL Server**, increasing **usability** and supporting **3 new production workflows**, which boosted productivity by **15%**.
- Implemented a **multithreaded** solution to parse XML files generated by production line equipment.
- Utilized **ASP.NET Web Services** to retrieve and integrate data from **3 major suppliers**.
- Processed and visualized collected production data using **HTML5, CSS3, and JavaScript**, adding new dashboard modules that **reduced leadership's data retrieval time** from **15 minutes** to **5 minutes** per day.

Full Stack Developer (Software Engineer) | Antra, VA, USA

Mar 2023-Feb 2024

Human Resource System (C#, ASP.NET Core Web API, Azure, React.js, Entity Framework Core, Microservices, T-SQL, SQL Server, Visual Studio, Git, MOQ, MS test, Agile)

- Developed a Human Resource System Application system employing **ASP.NET Core Web API** for backend operations and **React.js** for front-end.
- Implemented a **Microservices architecture** for modularity and scalability, ensuring integration across multiple services.
- Leveraged **Entity Framework Core** with **SQL Server** for efficient data storage and retrieval.
- Deployed and maintained the application on **Azure**, achieving reliability with minimal downtime.
- **Created and executed** unit tests with **MOQ** and **MS Test**, reaching **80% code coverage** and **reducing production bugs by 25%**.
- **Worked in an Agile/Scrum environment**, participating in daily stand-ups, sprint planning, and retrospective meetings to deliver features iteratively and on schedule.

PROJECT

SassyBunnyStudio E-Commerce Web

Jun 2024 – Present

(React.js, Strapi, GitHub, MySQL, Netlify, CI/CD)

- Building a responsive e-commerce platform using **React.js** to deliver a seamless user experience.
- Utilizing **Strapi** to create APIs, connecting to a local **MySQL database** for efficient data management and retrieval.
- Designing and optimizing the **MySQL** database schema to securely store product.
- Deploying the application on **Netlify**, leveraging **CI/CD** pipelines via **GitHub** for streamlined updates.