

# Yanyu (Ginny) Huang

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## Education

**University of California, Davis**, California, United States

*Master of Science in Computer Science*

2021.9–2023.3(Expected)

- Coursework: Software Engineering, Algorithm Design, Computer Security, Computer Network.

**Fu Jen Catholic University**, Taipei, Taiwan

GPA: 3.62/4.0; Ranking: 11/120

*Bachelor of Business Administration in Management Information Systems (MIS)*

2016.9–2020.6

*Certificate of Cloud Service Trend Program*

2016.9–2020.6

- Coursework: Programming (Java, Python), Cloud Service (AWS), Data Structure, Operating System.

## Experiences

**Full-Stack Software Engineer Intern / Micron** (C#, Git, OOD, Angular.js)

2022.7–2022.8

- Participated in projects with Global Quality IT team and collaborate with developers across different countries.
- Developed **Restful APIs** and **Unit tests** for Global Quality Platform using .Net (C#).

**Application Consultant / IBM**

2020.8–2021.8

- Participated in three banking projects in agile environment to deliver high-quality software.
- **(Problem Solving)** Responsible for 40+ requirements and all of them successfully go-live on time.
- **(Communication)** Attended 5+ requirement meetings to clarify clients' requirements and solve their problems.

**Technical Assistant Intern / Microsoft** (C#, Knockout.js, Git, Vue.js)

2019.7–2020.7

- **(Collaboration)** Participated **Software Engineering team** of Hospital System Project (Microsoft's largest project in Asia Pacific Region in 2017) in an agile environment and collaborated with 100+ team members.
- Developed the system with backend **.Net (C#)** and frontend using **Knockout.js**, **SQL Server** as database.
- Improved printing quality by using the **SSRS** and reached the quantity to over 10,000+ sheets per day.

**Teaching Assistant / Fu Jen Catholic University** (Java)

2019.7–2020.7

- Guided 60+ students in solving their problems in the "System Analysis and Design" course.

## Projects

**School Management Websites with Facial Recognition Engine** (React.js, Java Spring Boot)

2018.9–2019.6

*Work with prof. Ji-Tsung Wu and e-Group Corporation*

- Developed roll call websites and integrated them with facial recognition engine.
- Responsible for designing and developing website's frontend with **ReactJS**.
- Implemented MVC backend by using **Java** and construct database on **Airtable**.

**Movie Tickets Booking Application** (Java, Android Studio)

2018.9–2019.2

- Developed a movie ticket booking application on **Android Studio** and implemented backend using **Java**.

**First Bank Credit Card Analysis Dashboard** (Vue.js)

2020.9–2021.1

- Planned a proposal that can solve First Bank's problem and used **Vue.js** to build an analysis dashboard as POC.

**GitHub Popular Projects Research** (Python, Selenium, BeautifulSoup, Jupyter)

2021.9–2021.12

- Responsible for Data Scraping by using Selenium, BeautifulSoup and Pydriller.
- Research for how different kinds of factors affect the popularity of projects on GitHub.

## Activities and Awards

**International ICT Innovative Services Award**

2019.11

- **(Leadership)** Lead 5 team members to receive the Titan-Soft Agile Awards.

**Coding Angels Women Technology Workshop**

2019.12

- Held a technology workshop for 200+ female students and nearly 900+ students signed up for this workshop.

## Certifications & Licenses

**AWS Certified Solutions Architect – Associate**

2021.06

**Microsoft Certified: Azure Fundamentals**

2020.05

## Skills

- Programming Language / Cloud:
  - (Hands-On Experience) Java, React.js, C#, Knockout.js, Web/Mobile App Developing, Python, Git, Linux
  - (Basic Knowledge) AWS, Azure
- Databases: MySQL, Microsoft SQL Server
- Developing in Agile Environment
- Problem Solving and Effectively Communicate Between ITs and Non-ITs