How Yun Ji
System Analyst

yunji0387@gmail.com   **Portfolio** | **GitHub** | **LinkedIn**

PROJECTS

Next Admin System | Next.js, TailwindCSS, REST, JWT, bcrypt   **Web Link** | **GitHub Link**
- Developed a web-based administrative system using **Next.js**, enabling dynamic form management.
- Built a secure authentication server with Express.js, implementing **JWT** and **bcrypt** to enhance user security.

Ray Tracing Technique Implementation | OpenGL, C++   **Report Link** | **GitHub Link**
- Implemented bounding volume hierarchies (**BVH**) to improve rendering speed.
- Enhanced visual quality using **Schlick's approximation** and **super-sampling anti-aliasing**

Sentiment Analysis on Yelp Reviews | Data Mining, Jupyter Notebook   **Report Link** | **GitHub Link**
- Utilized the **TF-IDF** approach to enhance sentiment analysis results.
- Applied **K-Means clustering**, recommending restaurants with similar profiles to users.

EXPERIENCE

System Analyst   Malaysia
RBC Capital Markets   Jul 2024 - Present
Collateral management, Agile (Scrum), Jira, Confluence, GitHub, Django, React

Store Associate   Winnipeg, MB, Canada
Dollarama   Nov 2023 - Jun 2024
POS system, merchandising, transactions, heavy lifting

Casino Croupier   Genting Highlands, PHG, Malaysia
Genting Malaysia Berhad   Dec 2017 - Mar 2018
Baccarat, Three Pictures, chip & card handling

SKILLS

Programming Languages	Javascript, Typescript, Java, C, C++, Python
Libraries / **Frameworks**	React, React Native, Next.js, Expo Router, Node.js, Express, TailwindCSS
Databases / **DBMS**	NoSQL, PostgreSQL, MongoDB, pgAdmin
CLI / **IDE** / **Platforms**	Git, GitHub, Docker, Heroku, VS Code, Unix/Linux, Jupyter
Tools	Figma, Gimp, Ms Office, G Suite

EDUCATION

University of Manitoba   Winnipeg, MB, Canada
Bachelor of Science - Major, Computer Science   Sept 2018 - Jun 2023

Coursera
Continuous Integration and Continuous Delivery (CI/CD)   Apr 2024
DevOps, Cloud, and Agile Foundations   Oct 2023
Meta Front-End Developer Specialization   Oct 2023