

# YI ZHEN LEE

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## OBJECTIVE

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Data Science student graduating in Spring 2024, seeking entry-level opportunities to apply and expand my data analytics skills and contribute to an innovative organization.

## EDUCATION

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**The University of Toledo** – Toledo, OH

*Bachelor of Science in Data Science, Minor: Computer Science, Software Engineering*, CGPA: 3.881 January 2022-Present

- Honors & Awards: Merit Scholarship, 1x President's List, 4x Dean's List
- Certifications: Google Data Analytics

## SOFTWARE SKILLS

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- R, MATLAB, Tableau, SQL, SAS, Python, Java, C++, Microsoft Office, Google Sheets, HTML, CSS, JavaScript, C#

## EXPERIENCE

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**College of Natural Sciences & Mathematics, University of Toledo**

*Data Science I & II Teaching Assistant*

January 2023 to Present

- Assisted over 25 students in understanding the utilization of various software tools including Excel, SPSS, SAS and R to demonstrate the implementation of data science techniques.
- Lead students through hands-on activities throughout lectures to guide them the process of cleaning, processing, analyzing and the visualization of data.

**UToledo Student Recreation Center, Toledo, Ohio**

*Building Supervisor*

August 2023 to Present

- Coordinated and executed routine maintenance tasks, ensuring the cleanliness and functionality of the building.
- Utilized the Recreation Center's software database to view inventory of equipment.
- Trained to be receptive to professional and personal development.

**UToledo Student Recreation Center, Toledo, Ohio**

*Operations Assistant*

August 2022 to Present

- Provided customer service and communicate effectively with staff and patrons.
- Ensure safety of patrons by inspecting the facility, analyzing issues, and reporting unsafe conditions to the Building Supervisor.

## PROJECTS

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**Predicting County-Wide School Enrollment Nationwide from 1990-2001**

- Utilized software tools such as Excel, SAS, and R to clean, process, and analyze county-level data from 1990-2001, uncovering factors influencing school enrollment rate.
- Used R to convert wide-format datasets into long-format for demeaning analysis and generated regression models and correlation tables to uncover influential drivers of school enrollment rates.

**Personal Portfolio Website**

- Developed a responsive personal portfolio website using HTML, CSS and JavaScript.
- Integrated interactive elements for enhanced user engagement.
- Ensured cross-browser compatibility and accessibility compliance.

**Visualization of University of Toledo Affiliation Worldwide**

- Developed an interactive web application using RShiny to visualize the geographical distribution of professors affiliated with University of Toledo on the world map.
- Utilized the leaflet library in RShiny to create dynamic and interactive maps, allowing users to explore professors' location.

## VOLUNTEER EXPERIENCE

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- Orientation Camp Facilitator (Facilitated 6 orientation camps, came up with online activities amidst the pandemic, and achieved the position of highest tier facilitator).
- Coordinator of PAWS' Charity Event (Organized a virtual talk by PAWS' representatives and donation drive for the facility).

## SPECIAL SKILLS/INTERESTS

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- Good communication skills, leadership experience, problem-solving abilities, teamwork, resourceful.
- English, Mandarin, Malay (professional level).