

# TAENAM KIM

Madison, Wisconsin

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## Education

University of Wisconsin, Madison

Bachelor of Science in Data Science

Expected Graduation: December 2024

Madison, WI

## Experience

### Social-To-Do

September 2023 – Present

Founder

Madison, WI

- Launched a **React Native** productivity app integrating **MySQL** and **Firebase** for database management, and implemented **OAuth 2.0** for enhanced authentication; managed projects efficiently with **Asana**.
- Deployed an application with **React Native** and **Flask**, focusing on enhancing the application's **user-experience navigation** and **database integration**. App Store deployment in May 2024.
- Conducted user research and utilized feedback to guide product innovation and improve user engagement.

### Societe Generale Corporate and Investment Banking

June 2023 – August 2023

Technical Data Analyst (Global Technical Services)

New York, NY

- Managed development and **QA** of a multi-department **Project Budget Tool**, reducing budget allocation time by **20%** across **10+ departments** and increasing compliance by 30%
- Created comprehensive **documentation** including a compliance matrix using **Microsoft PowerPoint and Word**.
- Coordinated Post-Project **Budget Tool Evaluation**, aligning **50+ project proposals** with organizational goals and expediting delivery by **15%** through daily **Agile sprints** using **Jira**.
- Implemented the **ADDIE** process to streamline **project workflow** and ensure alignment with organizational objectives.

### University of Wisconsin, Madison

September 2022 – Present

Technology Assistant

Madison, WI

- Implemented a library management system through **Atlassian Confluence**, providing **IT support** and conducting staff training to optimize the **user experience** and **operational efficiency**.
- Managed installation and maintenance of library **software systems**; optimized **system configuration** for performance and user accessibility.

### Republic of Korea Army

January 2021 – July 2022

Technical Internal Operations Clerk

Gyeonggi-do, South Korea

- Led an 8-member team in **cybersecurity** support for a 367-staff regiment, delivering **10+ data-driven Excel statistical** recommendations to the operations chief.
- Initiated and led the camp's **cost-efficiency process** improvement project, analyzing and optimizing the food supply and equipment/tool supply, resulting in a **37%** reduction in total **CapEx** (12 million KRW monthly).

## Projects

Social To Do | *ReactNative, JavaScript, CSS, Flask, Python, mySQL, Firebase, git*

GitHub

- Developed an application using **React Native** and **Flask**, integrating **task management with social media** features to facilitate collaboration and real-time user engagement on an interactive platform.
- Led the development of **UI enhancements** and streamlined screen navigation, integrating **API fetching** capabilities using a **Flask server**, and establishing a secure user login database.

Beyond The Book | *Python & Gradio, git*

Demo & GitHub

- Led a team of 4 at **HackIOWA** and developed a **Python Gradio** application leveraging **OpenAI API** and **CSV data** to highlight overlooked university expenses, providing students with comprehensive financial insights for college choices.
- Conducted **user research** to identify key pain points in university financial planning and integrated these insights into the app's features to improve **user experience** and value.

Crypto Wallet Adoption | *Python, CSV*

Github

- Designed and executed a project aimed at increasing **crypto wallet adoption** in developing markets.
- implemented features such as the **Tech-Economic Index** and **Education-Urban Index**, developed predictive models using **Linear Regression** and **Random Forest**, and performed **cross-validation**

## Technical Skills

**Technical Skills:** Python, Java, R, CSS, JavaScript, TypeScript, SQL

**Frameworks:** React/React Native, Flask, MongoDB, OAuth 2.0, Gradio

**Tools:** Tableau, GitHub, Confluence, Asana, Jira, Kanban, Microsoft Excel, Microsoft PowerPoint, Microsoft Visio, Figma

**Methodologies:** Agile, Scrum, Sprint, Waterfall, ADDIE