TAENAM KIM

Madison, Wisconsin

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Education

University of Wisconsin, Madison   **Expected Graduation: December 2024**
Bachelor of Science in Data Science   *Madison, WI*

Experience

Social-To-Do   **September 2023 – Present**
Founder   *Madison, WI*
- Launching a **React Native** task management application, integrating **MySQL** and **Firebase** for database management and implementing **OAuth 2.0** for enhanced authentication; managing projects efficiently with **Asana.**
- Deploying an application with **React Native** and **Flask**, focusing on enhancing application's **user-experience navigation** and **database integration enhancement**. App Store deployment in **May 2024.**

Societe Generale Corporate and Investment Banking   **June 2023 – August 2023**
Technical Data Analyst (Global Technical Services)   *New York, NY*
- Utilized **Python libraries (Pandas, Matplotlib)** to optimize project budget analysis, reducing allocation time by **20%** and increasing compliance by **30%**
- Developed and deployed automated analytics solutions using **SQL** and **MongoDB** for data management, integrating **Quick Sort algorithm** and **Pandas** for improved efficiency and precision in fiscal allocations.
- Employed **R programming** for detailed analysis of project data in **CSV** format, enhancing project evaluation tools.
- Streamlined evaluation of over **50 projects** across **5 departments** using **Agile** methodologies in **Jira**, accelerating project delivery by **15%**

University of Wisconsin, Madison   **September 2022 – Present**
Technology Assistant   *Madison, WI*
- Implementing library management system through **Atlassian Confluence**, providing IT support, and conducting staff training to optimize the user experience and operational efficiency.
- Managing installation and **maintenance of library software systems**; optimizing **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**
- An application developed using **React Native** and **Python(Flask)**, uniquely integrating task management with social media features to facilitate collaboration, and real-time user engagement on a seamless, 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.

PartyNextDoor | *ReactNative, JavaScript, CSS, MongoDB, OAuth 2.0, git*
- A **React Native** event app integrating Google APIs and **MongoDB**, with **OAuth 2.0** authentication and integrating **payment gateways (Plaid, Venmo, Zelle)** for streamlined user engagement and transactions.

COVID-19 Analyzer | *R-Programming*
- Used **R-Programming** to analyze the correlation between **policy implementation** and **COVID-19** case decline in California, Pennsylvania, and Ohio, employing statistical models to assess impact.

Technical Skills

Technical Skills: Python, Java, R, CSS, Tableau, GitHub, JavaScript, TypeScript, React/React native, SQL, git
Frameworks: Atlassian Confluence, Asana, Agile, JIRA, Kanban, Waterflow, Scrum, Sprint
Tools: Microsoft Excel, Microsoft Access, Microsoft PowerPoint, Microsoft Visio, Figma