TAENAM KIM

Madison, Wisconsin

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Education

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

Experience

Social-To-Do — **September 2023 – Present**
Founder — *Madison, WI*
- Launching a React Native event app utilizing **Google APIs** for discovery and photo-sharing, with **OAuth 2.0 authentication** and integrated **payment gateways**; utilized **Asana** for project management streamlining.
- Deploying with **React Native** and **Flask**, ensuring secure authentication and compliance; introducing **Minimal Viable Product (MVP)** for user-centric refinements in January 2024.

Societe Generale Corporate and Investment Banking — **June 2023 – August 2023**
Business Data Analyst (Global Banking Service Unit) — *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*
- Implemented **library management system, provided IT support, and conducted 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 statistic** 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* — **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* — **Demo & GitHub**
- led a team of 4 at **Hackathon (HackIOWA)** and built **Python Gradio** application using **CSV data**, to highlight overlooked university expenses, giving students comprehensive financial insights for college choices.

PartyNextDoor | *ReactNative, JavaScript, CSS, MongoDB, OAuth 2.0*
- 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, GitHub, JavaScript, TypeScript, React/React native, SQL, git
Frameworks: Agile, Asana, JIRA, Kanban, Waterflow, Scrum, Sprint
Tools: Microsoft Excel, Microsoft Access, Microsoft PowerPoint, Microsoft Visio, Figma