Danica Kim

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EDUCATION

University of Rochester   Anticipated Graduation Date: May, 2027
Major: Computer Science, Math - **GPA**: 3.58/4.00
Honors & Awards: Dean's List (2024 -)| Prince Street Scholarship (2023) |DandyHacks (2024) - 1st Place

WORK EXPERIENCE

University of Rochester | Rochester, New York   September 2024 - December 2024
Research Assistant
- **Collaborated with Professor Yukang Yan** to enhance the **usability of mixed reality** for the **deaf and hard-of-hearing community**, partnering with **Studio X** to access **Apple Vision Pro** for research
- **Developed software** to **analyze and compare transcription tools**, integrating the **ChatGPT API** to improve accuracy and usability
- **Extensively programmed** in **SwiftUI** and **Python**, utilizing **VSCode** and **Xcode** to refine immersive experiences

Dan Klein Films| Remote   September 2024 - December 2024
Business Development Intern
- **Assisted in preparing** presentations, proposals, and sales materials to support **business development efforts**
- **Utilized Claritysoft CRM** to manage client relationships and contributed to **business strategy development** to drive company objectives
- **Conducted A/B testing** to optimize **advertising strategies**, improving engagement and marketing performance

Korean Community Services of Metropolitan New York | Bayside, New York   June 2024 - August 2024
Development Intern
- **Planned and coordinated events**, managing logistics, schedules, and setups to ensure smooth execution
- **Utilized WordPress** to create new website pages, ensuring accurate content and optimizing user experience
- **Used Mailchimp** for email campaigns, **Givebutter** to host auctions, and **Excel** to track and organize data, supporting **community outreach** and fundraising efforts

LEADERSHIP EXPERIENCE

Google Developers Students Club - University of Rochester | Rochester, New York   October 2024 - Present
Tech Lead
- **Organize and conduct workshops** such as on **website building, introductory machine learning (ML), and SQL** to enhance members' technical skills
- **Host speaker sessions** featuring industry professionals like **Phoebe Gate, Telle Whitney, and Jack Sweeney** to provide insights and networking opportunities

University of Rochester | Rochester, New York   January 2024 - December 2024
Teaching Assistant
- **Conducted research on optimizing learning in computer science**, exploring effective teaching strategies and knowledge connections to enhance student comprehension
- **Collaborated with peers and faculty**, analyzing educational methods and their impact on student engagement and retention
- **Assisted in grading assignments and projects**, ensuring fair and consistent evaluation of student work

PROJECTS

UR Poopin'   November 2024
Developed **a campus-wide bathroom-finding website** for students, faculty, and visitors, featuring filters for **gender, accessibility, sanitary products, and family-friendly options**
- **1st place** winner of **DandyHacks 2024**, University of Rochester Hackathon
- Learn more: https://devpost.com/software/ur-poopin

Weather App   December 2024
A **mobile weather app** designed to help users find **real time information** about the weather such as temperature high, low, wind speed, and weather condition, **anywhere in the world**
- Built using **SwiftUI** and **WeatherApi as frontend frameworks**

SKILLS

Programming Languages: C, Java, JavaScript, Python, SwiftUI, R, SQL
Web Development: HTML, CSS, JavaScript
Tools & Software: VS Code, Figma, Microsoft Office
Languages: Korean (Native)