

# Jiho Kim

## Curriculum Vitae

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### Contact Information

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### Education

Sept 2019 - Current **BCS Computer Science**, *Calvin University*, Grand Rapids, MI, USA

- Period includes a two-year leave of absence for conscription in the South Korean Army.
- Extracurricular: Abstraction (CS club) and MuKappa (TCK students club).
- Placed in Dean's List for all semesters.
- GPA: 3.83/4.00

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### Research Experience

May 2023 - Current **Undergraduate Research Assistant**, *Calvin University*, Department of Computer Science, Grand Rapids, MI, USA

- I worked with a team of undergraduate researchers in designing and conducting a user study for a UI that leverages GPT-3.5 to empower users to revise their writing independently.
- Our findings were presented at West Michigan Regional Undergraduate Science Research Conference, and our paper was accepted at HAI-GEN Workshop at IUI 2024.
- Throughout the project, I acquired valuable technical expertise in full-stack development and skills in research methods, data analysis and interpretation, prototyping and user study design, scientific communication, and presentation.
- Mentored by Kenneth C. Arnold.

Nov 2022 - Apr 2023 **Data Science Research Intern**, *Seoul National University Hospital*, Department of Neuropsychiatry, Seoul, South Korea

- I contributed to developing a machine learning pipeline for predicting the mood of psychiatric patients using sensory data collected from smartphones.
- Throughout the project, I gained experience in data wrangling and modeling. I also collaborated with a team of medical professionals, which allowed me to gain insights into the mental health field and the challenges of integrating technology into healthcare.

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### Workshop Paper

J. Kim, R. C. Flanagan, N. E. Haviland, Z. Sun, S. N. Yakubu, E. A. Maru and K. C. Arnold. **Towards Full Authorship with AI: Supporting Revision with AI-Generated Views.** *IUI Workshop on Human-AI Co-Creation with Generative Models*, 2024.

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### Technical Skills

Python, JavaScript, C, C++, Java, pandas, PostgreSQL, scikit-learn, Keras, PyTorch, HuggingFace Transformers, React, OpenAI API, FastAPI, and  $\text{\LaTeX}$ .