Siwei Han

Fudan University

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🎓 Education

Fudan University   **Shanghai, China**

Undergraduate student majoring in Computer Science and Technology   Sept. 2021 - Present
Overall GPA: 3.5/4.0

University of North Carolina at Chapel Hill   **NC, US**

UCEAP Exchange Program, Tuition Waiver   Aug. 2023 - Dec. 2023
Term GPA: 3.9/4.0

✏ Publications

Generating Chain-of-Thoughts with a Direct Pairwise-Comparison   **Preprint**
Approach to Searching for the Most Promising Intermediate Thought

Zhen-Yu Zhang, **Siwei Han**, Huaxiu Yao, Gang Niu, Masashi Sugiyama

🏢 Internship

Advantest   **Jan. 2024 - Present**

R&D Engineer-Associate

Responsible for developing the image recognition function in the Shmoo chip testing software, classifying Shmoo images, and performing accurate edge detection and stability range estimation on the eye diagrams within Shmoo images. This aids in the rapid identification of identifying the performance boundaries of chips under different working conditions as well as identifying weaknesses or failure modes in chips.

⚙ Skills

Programming	Python, C, C++, SQL, Verilog
Tools and Frameworks	Git, PyTorch, Vivado, Markdown, LaTeX
Others	Adobe Photoshop, Blender

</> Projects

LLMEVAL - Fudan University's NLP Laboratory   **Apr. 2023 - Jun. 2023**

Designing questions and evaluation criteria for assessing large language models such as GPT 4.0, GPT 3.5, and New Bing. Also participated in subsequent data organization tasks.

THSH shell   **Oct. 2023**

A shell program based on Linux. This shell program can run standard linux shell commands. It also supports creating new built-in commands. It includes features like pipelines, input/output redirection, script input, and debugging.

🔤 Languages

Chinese - Native

English - TOEFL 110