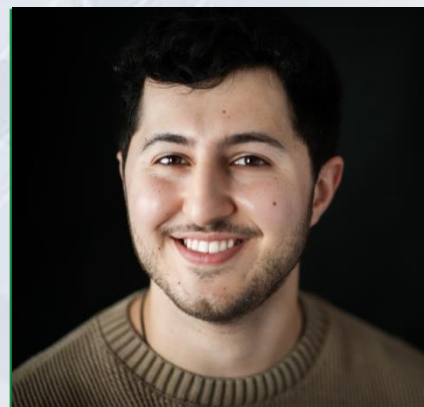


Trustworthy Machine Learning and Reasoning Group



Mr. Jon Saad-Falcon

Ph.D. Student,
Stanford NLP Group & Stanford AI Group,
Stanford University



Date: 23 Jul 2026 (Thursday)



Time: 11:00 – 13:00 (HKT)



Meeting: [Zoom Link](#) Password: 979132

OpenJarvis: Personal AI, On Personal Devices



ABSTRACT

OpenJarvis is an open-source framework for building personal AI agents that run entirely on local devices. Motivated by the Intelligence Per Watt finding that local models already handle the vast majority of real-world queries, OpenJarvis provides the missing software stack to make local-first personal AI practical. The framework is built around three core ideas: shared primitives for composing on-device agents; evaluations that treat energy, latency, and cost as first-class constraints alongside accuracy; and a continual self-improvement loop using local trace data. OpenJarvis supports multiple inference backends and includes an energy leaderboard for benchmarking on-device efficiency. More details on the [paper](#) and [GitHub](#).



BIOGRAPHY

Jon Saad-Falcon is currently a joint Computer Science Ph.D. student at Stanford University, advised by Prof. Azalia Mirhoseini and Prof. Christopher Ré. He is affiliated with the Stanford NLP Group and the Stanford AI Lab, and also works as a Google Student Researcher on the TPU and Gemini teams. His research lies at the intersection of language models and machine learning systems, with a focus on improving the intelligence efficiency of large language model systems. His recent work aims to commoditize intelligence by developing more efficient open-source language models and hardware accelerators, reducing the energy, compute, and capital required for large-scale LM deployment. His broader research agenda spans foundation models, ML systems, electrical engineering, and economics, and is anchored by the Intelligence per Watt project.

ENQUIRY

Email: bhanml@comp.hkbu.edu.hk