

Research Philosophy

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Foundational Pillars of Research Approach

Reflecting on how I would approach the research challenges, I believe my work will be guided by the following foundational principles.

- **Robustness of Framework:** Robustness was the central theme of my Master's thesis, and this specific temperament, combined with viewing situations as a normal distribution, is particularly useful in inclusive methodology research. When judging the effectiveness of a framework, I focus on identifying the circumstances under which it might fail. I often employ reasoning techniques such as the "*slippery slope fallacy*" and "*reductio ad absurdum*" to stress-test ideas. This helps me in identifying and prioritizing parameters and ensures that the methodologies developed as research outputs remain adaptable and leave room for evolution with future technological paradigms.
- **Scrutinizing Existing Methodologies:** This personal approach aligns closely with the TACIT project's goals. I am deeply interested in questioning central assumptions and parameters in existing methodologies. My intent is to identify and uncover inherent assumptions and test their validity in the current paradigm, searching for opportunities to refine or redefine them. My priority is always to understand the root causes of problems to ensure the validity of the problem statement, which prevents me from proposing solutions until I am certain that the focus is on addressing the cause, not merely the symptom.
- **Inspiration Blending:** I am particularly inspired by the principles of *Inventive Problem Solving (TRIZ 40)*, which I often use as a thinking framework to challenge my own creativity. My exposure to different disciplines also enables me to analyse situations through analytical lenses borrowed from other fields. I believe that a unique blend of such principles can be integrated into the co-design research process to both inspire and structure the development of a novel, inclusive design methodology.
- **Ethical Engagement and Layered Understanding:** I recognize that engaging directly with disabled communities requires deep ethical commitment and sensitivity. I am aware of the complex social dynamics involved in introducing new technologies and will ensure my research emphasizes genuine empowerment rather than mere assistance.