Informed Consent Form 15. 04. 2025

Self-Determination Alignment in Human-AI Co-Programming Research Study

Research Title: Self-Determination Alignment in Human-AI Co-Programming: Exploring Developer Experience with Autonomous AI Agents

Principal Investigator: [de-identified]
Faculty Supervisors: [de-identified]

Purpose of the Research
You are invited to participate in a research study examining how autonomous AI agents in software development influence developers' experiences of autonomy, competence, and relatedness. This research aims to explore the lived experience of programmers working with AI agents that can independently perform coding tasks with minimal supervision.

What You Will Do
Your participation will involve:
- A phenomenologically-informed interview of approximately 60-120 minutes

During this session, you will be asked to describe specific experiences working with AI agents in your software development practice. Questions will focus on how these experiences felt to you, your sense of control and competence, and how AI agents influence your relationship with your work and team.

Recordings
With your permission, we would like to audio record the session to ensure accurate documentation of the discussion. The recording will be used solely for research purposes, including analysis by the research team and transcription. Recordings will be stored securely and will be deleted after the research is completed (maximum 1 year from data collection).

Confidentiality
- All information you provide will be handled confidentially.
- Your name will be replaced with a pseudonym in all research materials.
- Your company/organization name will not be published without your explicit permission.
- Direct quotes may be used in research outputs but will not be attributed to you by name.
- Only the research team will have access to the raw data.

Risks and Benefits
There are no known risks associated with this research. You may:
- Choose not to answer any question,
- Withdraw from the study at any time without penalty,
- Request that certain information not be included in the research.

While there are no direct benefits to you, your participation will contribute to understanding how AI tools affect the software development experience, potentially leading to better design of future AI-assisted development environments.

Data Handling
The data collected will be used for academic research purposes, including:
- Potential publication in academic journals or conferences,
- A doctoral dissertation.
The anonymized data may be retained for up to one year after the study completion, and will be deleted afterward.

Questions or Concerns
If you have questions about this research, please contact either:
[de-identified] or [de-identified]