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Interest areas:

Software architecture, software ecosystems,
organizational structures, business modeling

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Projects in Software Architecture

- **Software evolution and dependency management**
Investigate the software evolution and software dependencies in a code-intensive codebase and identify areas of improvement.
- **Evaluation of microservices**
Design, implement, and evaluate an architectural prototype of a system with high requirements in componentization, modularity, and interoperability using the microservices architectural pattern.
- **Architectural decay - architectural smells**
Study and identify aspects of architecture “drift” in the evolution of software systems and propose improvements.

Projects in Software Engineering – Software Architecture

- Architectural evaluation

Customize methods for evaluating the design and architecture of a (future) system either theoretical or empirical/practical.

- Continuous integration/implementation

Design and prototype the aspects of transitioning from traditional software development to CI.

Projects in Software Ecosystems

- **Requirement evaluation for software ecosystems**
Investigate and propose requirement engineering methods to large scale, multi-actor software systems.
- **Disruptive business modelling in software ecosystem design**
Identify how new and disruptive business models affect the design, implementation, and distribution of software in software ecosystems.
- **Organizational restructuring in software ecosystem design**
Be part of designing a software ecosystem by studying organizational models around software development and identify areas for restructuring.

Organizational and Social Aspects of software

- Software development knowledge infrastructure and communities of practice
Focus software engineering and software development management and investigate methods for knowledge transfer and fostering knowledge acquisition.