

Software Engineering for Artificial Intelligence



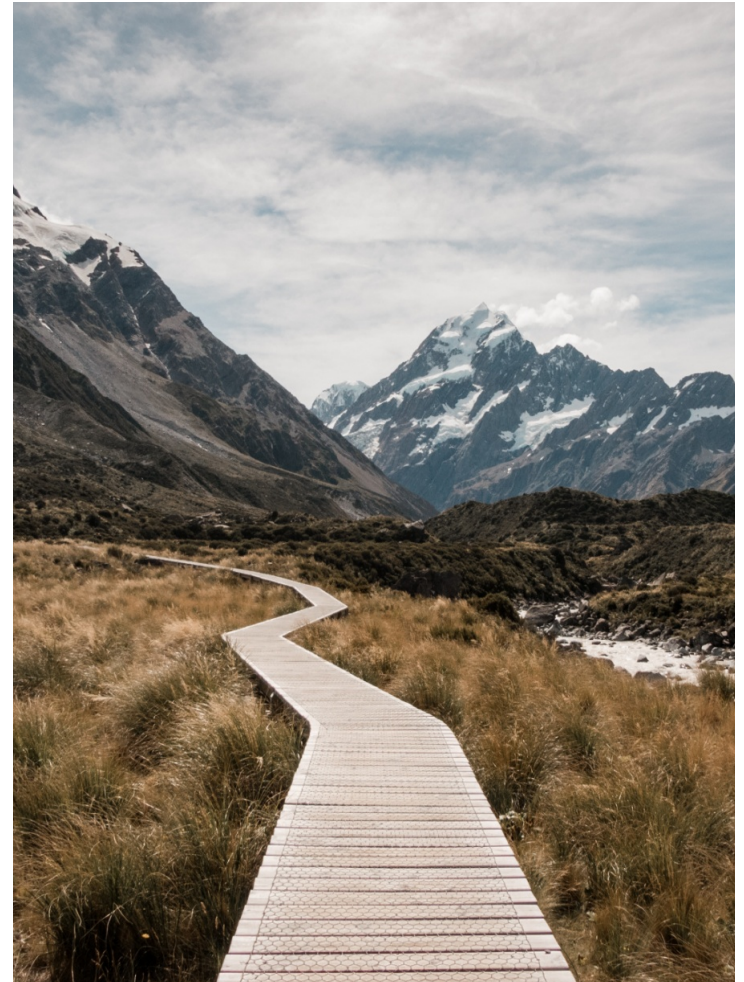
TECHNISCHE
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Final Presentations & Outro



Agenda

- Info: Grading
- For each vision paper ~20-30 min.
 - ~10 min. presentation
 - Q&A, Discussion
 - Feedback
- Course Feedback
- Outro



That's it...

This seminar heavily relied on your work...

...thanks for doing it well!



But wait!

This journey can continue: We are looking for great people to do research with!

We offer:

- Thesis (Bachelor & Master)
- Research Seminar and Projects (IMPL & DAIMPL)
- HiWi Jobs (Bachelor & Master)
- PhD Positions (post Master)
- Publishing the vision paper



Code Generation



```
public static void exampleSecurify(int n, byte[] data) {
    KeyGenerator keyGen = KeyGenerator.getInstance("AES");
    SecureKey key = keyGen.generateKey();

    Cipher cipher = Cipher.getInstance("AES");
    cipher.init(cipher.DENCRYPT_MODE, key, ix);
    cipher.doFinal(data);
}
```



- Java
- Interest in Static Analysis
- Willingness to learn technologies like Xtext/ Eclipse RCP

- How can Machine learning and Deep learning improve developer productivity
 - Code completion
 - Code generation from natural language
 - Code Analysis (Bug detection/ Optimization)

You liked one of our projects or have a great new
idea to start with?
Join us!



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