1 Magnus Møller

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1.1 Education

- **Computer Science** *(2016-2018)*, Technical University of Denmark, MSc.

1.2 Master's Thesis

Title: A domain-specific language for defining and analysing pension contracts.

   Description: This thesis presents a Haskell-embedded domain-specific language for defining and analysing various pension contracts of the danish pension system. The language presented is very similar to the language presented in Composing contracts: an adventure in financial engineering. The language presented also incoperates LiquidHaskell for formal descriptions of the danish pension system.

1.3 Courses

- Technology, economics, management and organisation
- Biometric Systems
- Formal Aspects of Software Engineering
- Introduction to Artificial Intelligence
- Distributed systems
- Program Analysis
- Applied functional programming
- Computationally Hard Problems
- Software Development of Web Services
- Computational Tools for Big Data
- Programming Project
- Graph Theory
- Algorithms for Massive Data Sets
- System integration
- Compiler Construction