

Vrije Universiteit Amsterdam

Bachelor Thesis

---

# Logical Verification of AVL Trees in Lean

---

**Author:** Sofia Konovalova (2635220)

*1st supervisor:* Jasmin Blanchette  
*daily supervisor:* Jannis Limperg

*A thesis submitted in fulfillment of the requirements for  
the VU Bachelor of Science degree in Computer Science*

May 11, 2021

# Contents

Bibliography	3
--------------	---

# Bibliography