

**Finding Adam**  
**Advancing Commonsense Reasoning as a Potential Step**  
**towards Artificial General Superintelligence**

**A Doctoral Thesis**

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(Land Acknowledgement based on the university which I attend)

Dedicated to the giants on whose shoulders I stand.

## CHAPTER I

# Introduction

(Placeholder for epigraph)

(Placeholder for epigraph) Author 1

Author 2





## CHAPTER II

# History

### 1. The History of Progress

## **2. The History of Conceptualizations of Change and Progress**

### **3. The History of Decelerationism**

#### **4. The History of Scientific Research and Progress in Artificial Intelligence**

## **5. The History of Conceptualizations of Artificial Intelligence**

## **6. Historicizing Decelerationism in Artificial Intelligence**





## CHAPTER III

# **What Are Intelligence and Consciousness?**

**7. What Is Intelligence?**

## **8. What Is Consciousness?**

**9. What Is the Relationship between Intelligence and Language?**

**10. What Is the Relationship between Intelligence and Consciousness?**

**11. Does There Exist a Meaningful Notion of Superintelligence?**

12. IS THERE A QUALITATIVE OR MERELY A QUANTITATIVE DIFFERENCE BETWEEN ARTIFICIAL GENERAL INTELLIGENCE AND ARTIFICIAL GENERAL SUPERINTELLIGENCE?

**12. Is There a Qualitative or Merely a Quantitative Difference between  
Artificial General Intelligence and Artificial General Superintelligence?**





## CHAPTER IV

# **Advancing Commonsense Reasoning**

### **13. Chain-of-Thought Reasoning**

**13.1. Understanding the Mechanism through which Chain-of-Thought Reasoning Works.**

**13.2. Improving Chain-of-Thought Reasoning using Reinforcement Learning from Human Feedback.**

## CHAPTER V

# **How Advancing Commonsense Reasoning Can Achieve Artificial General Superintelligence**



CHAPTER VI

**Ethical Matters**

**14. Ethical Downsides**

**14.1. Job Losses.**

**14.2. Malicious Use of Artificial General Superintelligence.**

**14.3. Misalignment of Artificial General Superintelligence.**

## **15. Ethical Upsides**

**15.1. Increases in Total Factor Productivity.**

**15.2. Answering Scientific and Academic Questions which Humans Struggle to Answer.**

**15.3. Post-scarcity.**

**16. Effective Accelerationism**



## **17. Alignment**



## CHAPTER VII

# **Conclusion**