
Experience

February **Research Project Manager, Apart Research**

- 2024 – Present ○ Manage research projects for decentralized teams focusing on challenges in AI safety, security, governance, and ethics with 6 unique workshop acceptances in 2024
- Iterate and develop Lab Fellowship curriculum, processes, and tools
- Collaborate with top researchers to multiply the impact of their work through improved scientific communication

February **AI Safety Specialist, Odyssean Institute**

- 2024 – Present ○ Lead grant writing initiative for work applying the Odyssean Process to advanced machine learning systems
- Produced document providing over 90 concrete but open-ended questions concerning AI development, deployment, governance, and use
- Wrote blogpost garnering over 6000 views on the idea of *Emergence* in machine learning

February **AI Safety Fundamentals Cohort Lead, BlueDot Impact**

- 2024 – Present ○ Facilitate weekly curriculum enabling global engagement with AI systems implications
- Worked closely with over 45 individuals to build foundational understanding of AI safety and advance their careers

October 2023 **Founder, Kairos.fm**

- Present ○ Initiated and hosts multiple podcasts, Into AI Safety and muckrAIkers
- Established Kairos.fm as a way to improve dissemination of accessible and high quality technical content – produced shows have output a total of 54 episodes
- Received praise from Dr. Igor Krawczuk as “one of the better AI safety intro media”
- Interviewed experts including Dr. Peter S. Park and Esben Kran

May 2022 – **Information Systems Co-lead, Highlife Recovery**

- January 2024 ○ Provided research and technical solutions for comprehensive healthcare organization
- Managed EHR implementation, including vendor coordination and form design
- Assisted in achieving 3-year CARF accreditation through IT documentation
- Facilitated prescription automation and workflow improvements

Education

June 2021 – **Master’s of Science in Computational Modeling, University of Colorado,**

May 2022 *Boulder*, GPA: 3.93

Specialization in optimization methods. Worked with Dr. Robert MacCurdy, Dr. Lawrence Smith, and Matter Assembly Computation Lab.

- Published two papers in IEEE 5th International Conference on Robotics
- Highlighted Courses: Automated Mechanical Design Synthesis, Optimal Design, Biologically Inspired Multi-Agent Systems

August 2017 **BS Mechanical Engineering, University of Colorado, Boulder,** GPA: 3.65

– May 2021 Minor in Computer Science Engineering, Engineering Honors Program.

- Highlighted Courses: Thermodynamics, Heat Transfer, Fluid Mechanics, Algorithms