

2024 Summer Research Internship Opportunities

The Roux Institute invites undergraduate and graduate level students in engineering, data visualization/human data interaction, life sciences and medicine, and computer science to apply for an approximate 10-week summer research experience in Portland, Maine.

The summer research internship is designed to build relationships with members of the Roux Institute community resulting in published work, new implementable technologies (e.g., prototypes, patents), and the opportunity to continue research work in the future after the internship period ends.

Program Benefits:

- Paid internship of \$5,000 (undergraduate students), or \$7,500 (Master's and PhD students)
- Gain interdisciplinary research experience and receive mentorship from Roux Institute researchers
- Access professional development seminars on topics including networking, communication, and entrepreneurial thinking
- Network with other Roux Institute researchers and partner organizations
- A cohort of other interns, also based in coastal Portland, Maine

Timeframe

June - August 2024

Areas of focus

- Human-Data Interaction
- Experiential AI and Machine Learning
- Engineering
- Life Science and Medicine

Example research topics:

- Mechanical Recycling of Aerospace Metals
- Biotechnology Research Application to Wastewater Treatment
- Genetic Epidemiology of Aging-Related Diseases
- How XR Graphics Interact with the Real World
- Enhancing Medical Training Using AR Simulations
- Causal Machine Learning in Health and Medicine
- Reverse Osmosis - Experimental Apparatus Design, Build, and Commission

Application requirements:

- A CV or Resume
- A one-page cover letter highlighting your research interests and areas of expertise that align with the research project topics
- Deadline: **February 15, 2024**

Want to learn more?

Email David Munger
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