

Seeking Applicants

Hiring two full time PhD students for Fall 2025, with full scholarship and stipends. The student should be earnest about doing science, with solid technical foundations, and compatible with the Lab's direction.

To apply

1. Send CV and SOP to: yewenpu1989@gmail.com, include “[Prospective PhD student]” in the email title.
2. Apply through this link in the meantime:
<https://www.ntu.edu.sg/education/graduate-programme/ccds-phd-cs-engineering>
(please disregard the 1/31 deadline, it is flexible)

Natural Programming Lab

About PI:

Dr. Yewen Pu will be joining NTU as an assistant professor in June 2025. He is currently a senior research scientist at Autodesk AI lab, with 4 years of industry research experience. He has a PhD from MIT (CS), and B.A. from UC Berkeley (Math, CS). Dr. Pu has 20+ [publications](#) at top conferences such as NeurIPS, ICML, and ICLR. He [collaborates](#) closely with top labs from MIT, CMU, Cornell, and Autodesk research. His research topics include AI, NLP, with focus on code generation. Personal webpage: <https://evanthebouncy.github.io> .

Lab Mission:

<https://evanthebouncy.github.io/natural-programming-lab/>

Why is human-human communication so effortless, while communicating with computers so difficult? Our lab's goal is (1) understand the gap between human and machine communications, and (2) build algorithms to close this gap. To this end, we will curate state of the art datasets on human to human communication, and build collaborative agents that match the performance of human-human communications. Rather than training on ever larger datasets, we believe that by *understanding the mechanisms of communication*, we will make long-lasting contributions to science, and engineer data-efficient collaborative agents.

Reasons to join my lab:

1. Consistent and Impactful [Publication](#). Dr. Pu has deep foresight in the field of code generation and interactive AI systems. You will be consistently publishing at the forefront of these areas, with field-defining works.
2. Responsible and Caring Advising. Dr. Pu takes advising students very seriously. You will have the guidance, safety, and confidence to do your best work under his tutelage.
3. Established [collaborations](#) with top universities and industry leaders, with opportunities for research exchanges, internships, and career placements.
4. Well-Funded, specifically in dataset curation and training models, the two indispensable ingredients for modern AI research.
5. Career Readiness Post Graduation. You will be working on foundational research with a clear path to real-world applications, ensuring that your work not only advances scientific understanding but also has direct industry relevance.

About NTU:

NTU 2024 is ranked by QS 9th in the world, and 5th in AI. The school is international, located in Singapore, where English is the primary language. School location is away from the busy city center, and a quiet place to think deeply.

Thank you for reading, and I hope we can do great science together.

—evan