

Statement of Interest

(not yet accomplished)

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I am an undergraduate majoring in Bioengineering at the School of Chemistry and Life Sciences, Hanoi University of Science and Technology, Vietnam. With an insatiable curiosity, I am deeply passionate about exploring diverse scientific disciplines.

In the field of biology, my research interests include microbiology, cellular and molecular biology, genetic engineering and bioinformatics.

- ▶ Microbiology: identification and preservation of microbial strains, microbial diversity.
- ▶ Bioinformatics: metagenomics and whole genome sequencing.
- ▶ Genetic Engineering: genome breeding and systems metabolic engineering [1].

Furthermore, I aspire to push biology to the frontier of multidisciplinary fields, such as astrobiology, biophysics, evolutionary biology, environmental biology and ecology.

- ▶ Astrobiology: extremophiles, bioaerosol, airborne microorganisms [2, 3].
- ▶ Biophysics: cell morphology & motility.
- ▶ Environmental Biology & Ecology: environmental DNA [4], radar aeroecology [5, 6].
- ▶ Evolutionary Biology: [7].

References

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