

The Pi Mu Epsilon lecture series is made possible through the support of the Nebraska Department of Mathematics and the Nebraska Alpha Chapter of Pi Mu Epsilon.

# 2024 Pi Mu Epsilon Lecture Series

UNIVERSITY of NEBRASKA-LINCOLN

## Richard Hoshino

### Mathematical Problem-Solving and Computational Thinking

**Friday, May 3**

**4 p.m., 115 Avery Hall**

The core of the talk will be three mathematical puzzles, all of which will be accessible to every person in the audience. In the process of solving these three puzzles, the four principles of Computational Thinking will be uncovered. Together we will discover how this "21st-century mindset" can enable us to tackle complex real-life problems with both confidence and impact.



Richard Hoshino is an associate teaching professor of computer science at the Khoury College of Computer Sciences at Northeastern University's Vancouver campus. His areas of teaching include discrete structures, algorithms, and foundations of artificial intelligence.

Before joining Northeastern's faculty in 2020, he worked as a professor of mathematics at Quest University in Canada. Prior to this, he was a postdoctoral fellow at the National Institute of Informatics, as well as a research scientist at the Canada Border Services Agency. He is the owner of Hoshino Math Services, a boutique math consulting firm.



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