Matthew Li

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EDUCATION

Kean University, Union, NJ

Non-matriculated Undergraduate Visiting Student, 2022 – Present

Relevant Coursework: Machine Learning Algorithms, Graph Theory, Artificial Intelligence

University of Chicago (UChicago), Chicago, IL

Bachelor of Science in Computer Science, expected June 2024

Relevant Coursework: Analysis in $\mathbb{R}^n$ I, (Abstract) Linear Algebra, Theory of Algorithms

edX, Online

Member, 2020 – Present

Relevant Coursework: Introduction to Computer Science and Programming in Python, Multivariable Calculus 1: Vectors and Derivatives, C Programming with Linux Professional Certificate

PROJECTS

SADICAUIGA
Best Overall Award - Team, July 2022 – September 2022

- Semi-automatically discovered interesting cellular automata using interactive genetic algorithms
- Wrote Python to produce Google Sheets formulas and comprehended C-and-HTML-producing code

SKILLS

Language

- Bilingual Mandarin Chinese speaker
- 2018 New Jersey State Seal of Biliteracy in Spanish

Computer

- Perfect score on Microsoft Excel 2013 Expert, Part 1 certification exam
- Certified in Word 2013, PowerPoint 2013, and Java SE 8
- Proficient in Python, C, R, Markdown, LaTeX, and Javascript
- Familiar with HTML, Standard ML, Elm, Haskell, SQL, and the RISC-V Instruction Set

ACTIVITIES

WiSTEM (Women in STEM)
CNVC (College New Venture Challenge) Finalist, January 2020 – March 2020

- Placed in top four teams at 2020 CNVC finals and received funding as non-profit organization
- Attended weekly meetings and helped prepare WiSTEM's pitch slides for CNVC finals

WORK EXPERIENCE

CM Education
Java and Math Instructor, September 2017 – August 2018

- Taught Java six hours daily for eight days to increase students' interest and competency in Java
- Tutored students in Algebra II and SAT Math for 3 hours a week for one calendar season