

## Matthew Li

librohew@gmail.com | 908-872-8993 | github.com/librohew

### 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: Programming Languages, Analysis in  $\mathbb{R}^n$  I, 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,  $\text{\LaTeX}$ , 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