

## **Matthew Li**

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### **EDUCATION**

#### **University of Chicago (UChicago), Chicago, IL**

*Bachelor of Science in Computer Science*, expected June 2024

Relevant Coursework (UChicago): Functional Programming, Programming Languages, Theory of Algorithms

Relevant Coursework (edX): Chinese Language in Culture: Level 2, Multivariable Calculus 1: Vectors and Derivatives, C Programming with Linux Professional Certificate

### **WORK EXPERIENCE**

#### **Google**

*Job Shadower*, December 17, 2021

- Asked productive questions and facilitated a helpful discussion with my peers and the host
- Delivered a thank you email to the host and wrote a one-page job shadowing reflection

#### **UChicago**

*IT Services Student Assistant*, September 16, 2020 – March 18, 2021

- Optimized spreadsheet data entry to keep IT Services on track in a much more efficient way
- Monitored alarms generated by wireless access points and pinged IP addresses to clear alarms
- Familiarized student co-workers with IT Services department's infrastructure, layout, and software

### **ACTIVITIES**

#### **WiSTEM (Women in STEM)**

*CNVC (College New Venture Challenge) Finalist*, January 8, 2020 – March 11, 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

### **PROJECTS**

#### **SADICAUGA**

*Best Overall Award - Team*, July 5, 2022 - September 19, 2022

- Semi-automatically discovered interesting cellular automata using interactive genetic algorithms
- Wrote and understood Google-Sheets-formula-producing Python to read C-and-HTML-producing code
- Presented an under-five-minute and demo-included Google Slides presentation to a panel of judges

### **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, and Javascript
- Familiar with HTML, Standard ML, Elm, Haskell, SQL, and the RISC-V Instruction Set