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
- Comprehended the ins-and-outs of the job interviewing process at Google and interview best practices

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

SADICAUIGA
Best Overall Award - Team, July 5, 2022 – September 19, 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
- Applied on-the-fly thinking skills to answer questions about project next steps and further applications

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