Matthew Li

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SKILLS

Computer

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

Language

- 2018 New Jersey State Seal of Biliteracy in Spanish

PROJECTS

Coca-Cola & Pepsi Classification with Machine Learning Algorithms
Full-Scoring Presenter @ Kean University, November 2022 – December 2022

- Processed and visualized Kaggle image dataset in Jupyter Notebook using `wand` Python library
- Evaluated logistic regression, k-nearest neighbors and SVM algorithms using metrics like recall rate

SADICAUIGA
Best Overall Award - Team @ University of Chicago (UChicago), July 2022 – September 2022

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

WORK EXPERIENCE

MATHNASIUM - The Math Learning Center, Summit, NJ

Part-time Math Tutor, April 2023 – Present

- Tutor one to ten students at a time using a simultaneous-exhibition teaching style

UChicago
IT Services Student Assistant, September 2020 – March 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

EDUCATION

Rutgers, The State University of New Jersey, New Brunswick, NJ

Transfer Student, 2023 – Present | *Computer Science Minor*, 2024 – Present

Relevant Coursework: Principles of Information and Data Management

edX, Online

Member, 2020 – Present

Relevant Coursework: C Programming with Linux Professional Certificate, Chinese Language in Culture: Level 3, Computational Thinking using Python, Multivariable Calculus 1: Vectors and Derivatives