

Lisa J. Leung

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Education

Aug 2021 - Jun 2025 Champaign, IL	University of Illinois, Urbana-Champaign Bachelor of Science in Computer Science Relevant Coursework: Data Structures, Software Design Lab, Computer Architectures, Intro to CS I & II • U of I Astronomical Society, Women in CS, Outdoor Adventure Club	GPA: 3.52 / 4.00
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Experience

Oct 2022 - present Champaign, IL	National Center for Supercomputing Applications Research Intern • Improve parameter files and reduce noise for binary black hole simulations in the Einstein Toolkit, a series of Python and Cactus based open-source computational infrastructure for numerical relativity
Jun 2022 - Aug 2022 Pleasanton, CA	Visit Tri-Valley Visitor Ambassador • Followed and adapted strategy to distribute visitor information and encourage tourism in the Tri-Valley area (CA) • Advised 700+ visitors on local sightseeing, shopping, and dining
Jun 2020 - Jun 2021 Davis, CA	Bit Project Outreach Advocate • Built demo project using Microsoft's Azure Functions and Face API to create a Chrome extension that returns estimated age, gender, and smile intensity for Microsoft Dev blog using YAML, Javascript, and HTML • Developed and edited open-source curriculum teaching basics of Data Analysis with Python created in collaboration with California State University - Fullerton & Sacramento State University • Taught small groups of college students curriculum at San Diego State University through weekly classes and Jupyter Notebooks

Leadership

Aug 2022 - present Champaign, IL	University of Illinois Astronomical Society Treasurer • Manage finances for events, meetings, & supplies, including taxes and recent approval for Form 990 - tax-exempt organization status • Collect and organize dues for more than 100+ active members
Sep 2021 - present Champaign, IL	Women in Computer Science Growth Committee Member • Organize panels, events & resources to foster inclusivity and diversity • Updated WCS website using Javascript, HTML, and CSS based on updated research on mentorship and internship opportunities, added new research and section on scholarship seeking process and WCS-offered resources

Skills

Languages: Python, Java, C++, HTML / CSS, JavaScript
Tools & Systems: Linux, macOS, Windows, Git, React, Docker, Microsoft Excel, Google Apps, Notion, Canva, Adobe Illustrator
Foreign Languages: Mandarin (Intermediate), Spanish (Beginner)