

Lucia Jayne

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Graduate research student with intersectional academics in Business Administration and Computer Science. Diverse experiences in machine learning, design, UI development, and HCI research from industry to academia. Strong client-facing, interdisciplinary, and global perspective as a Peruvian Spanish & English bilingual professional.

Education

University of Colorado — Boulder

Master of Science in Computer Science

2021 – 2023

GPA: 4.0/4.0

Colorado Mountain College — Glenwood Springs

Bachelor of Science, Business Administration

2017 – 2021

GPA: 3.9/4.0

Universidad Privada del Norte — Perú

Computer Science Studies

2010 – 2013

Honors: President's List

Relevant Coursework: User-Centered Design, Object-Oriented Analysis & Design, Research Methods, Human Centered Computing Survey, Analysis & Design of Algorithms, Database Systems, Contemporary Management, Business Strategy, Systems Thinking.

Software Skills

Cloud Technologies (Docker, AWS)	Design tools (Adobe Creative Suite)	Project Management (JIRA, Trello)
Object-oriented (Java, C++, Swift, Python)	Database (MySQL).	Version Control (GitHub, BitBucket)
Web Technologies (HTML, CSS)	Low-level programming (C, Assembly)	Data Analysis (Python, R)
JavaScript Frameworks (React.js)	UI/UX design tools (Figma, Adobe XD)	CRM (Salesforce, Hubspot)

Experience

Teaching Assistant, Introduction to Programming, University of Colorado at Boulder

Aug 2022 – Dec 2022

- Deliver weekly recitations to a classroom of 45 students.
- Develop teaching materials, such as lab assignments, tutorials, visual aids, and supplementary notes.

Product Manager Intern, Trimble Inc

May 2022 – Aug 2022

- Build a Hello World service as an initial walkthrough for first time users of the Cloud Core Console.
- Develop contextual documentation for each service of the Trimble Cloud Console to be displayed in the product catalog.

Research Assistant on Fair Recommendations, University of Colorado at Boulder

Jan 2021 – May 2022

- Adapting the infrastructure of an open bandit pipeline (OBP) to our project (Librec-auto) using Python.
- Develop documentation and tutorials for the lab cloud platform.

UI Developer Intern, Sovos

Jun 2021 – Aug 2021

- Migrated over 30 components of the React UI library from Styleguidist to Storybook.
- Set-up and managed the AWS S3 static site for their component library.
- Created Bash deployment scripts for Storybook development builds through Jenkins.

UX Volunteer, Code for Boulder

Jan 2021 – Jun 2021

- Conducted usability testing with 15+ interviewees for 'Upswyng,' a platform to assist the homeless community.
- Set-up Hubspot, gathered the information of 100+ providers, added into the platform, and set up email communication using Mailchimp.

Peer-Reviewed Publications

Jessie J. Smith, Lucia Jayne, and Robin Burke. 2022. Recommender Systems and Algorithmic Hate. *Late Breaking Results. In Sixteenth ACM Conference on Recommender Systems (RecSys '22), September 18–23, 2022, Seattle, WA, USA.* ACM, New York, NY, USA, 6 pages. <https://doi.org/10.1145/3523227.3551480>

Leadership and Volunteering

Computer Science Research Mentorship Fellow, Google

Sep 2021 - Dec 2021

Panel Moderator, Society of Hispanic Professional Engineers

2021 Annual Conference