Sarah Langleben | sml343@cornell.edu | sarahlangleben.github.io | LinkedIn

EDUCATION

Cornell University, Ithaca, NY   **Expected graduation May 2024**
College of Agriculture and Life Sciences: Dean's List Spring 2021, Fall 2021.
BS, double-major in Information Science and International Agriculture & Rural Development. GPA: 3.5
Coursework: Computing Using Python, Object-Oriented Programming & Data Structures, Data Science, Statistics and Research Design, Microeconomics, Macroeconomics, Advanced Mandarin I, Business Management, Traditional Agriculture, Sustainable Agriculture.

EXPERIENCE

Fulbright Humphrey Fellow PACT Program   **January 2023 – Present**
Research Assistant for the Tomatrix Agro-processing Hub in Nigeria. Collaborated with development practitioners to develop a business model that addresses food security and sustainable development goals in rural Nigeria. Built website and developed business plan.

Introduction to Data Science (INFO 2950)   **August 2022 – Present**
Teaching Assistant. Held office hours to debug assignments and explain data science concepts, graded coursework.

Royal Bank of Canada: Women's Advisory Program, Capital Markets Technology   **October 2021 – March 2022**
Mentee. Developed expertise in capital markets technology and gained exposure to the capital markets industry.

Ceres2030: Sustainable Solutions to Global Hunger   **June 2021 – December 2021**
Research Assistant. Collaborated with a study team to review, organize, and synthesize several thousand research papers according to an evidence gap map framework. Organized research articles to determine relevance to research questions. Extracted data and curated literature to improve a machine-learning model. Co-authored report to summarize findings to a non-technical audience.

Gertrude and Leonard McCombe Foundation, Riverhead, NY   **May 2021 — August 2021**
Curator. Catalogued hundreds of historical photographs into a database for the German Embassy. Planned exhibition space.

Microsoft: Technical Resilience Mentoring Program   **March 2021 – May 2021**
Mentee. Honed interpersonal skills to lead and collaborate within the tech industry through case study analysis and group work.

Nepal Women's Project, Inc.   **March 2018 – March 2020**
Co-Founder. Founded 501(c)(3) organization. Developed online communication strategy and presence through website design, promotional photography, and brand identity. Raised $10,000 through fundraisers, recruited student leaders, and organized two student-led chapters. Delivered menstrual hygiene products and educational materials to three communities in Nepal. Website

VOLUNTEERING AND STUDENT ORGANIZATIONS

Medium Design Collective: President, Ithaca, NY   **August 2022 – Present**
President. Recruited sixty members, organized and led club meetings, organized club wide events and educational events held in partnership with consulting firm EY, and led semester-long design project to encourage club-wide collaboration and design education.

PACK Sanctuary Taiwan, Taipei, Taiwan   **February 2022 – June 2022**
Chinese-English Translator. Translated Chinese webpages, social media posts, and newsletters into English. Facilitated communication between English-speaking and Chinese-speaking volunteers to write social media posts to promote dog adoption.

International Companions for Learning (ICL), Taipei, Taiwan   **March 2022 – Present**
International Student Volunteer. Collaborated with school faculty and university students to develop and execute a bilingual (Chinese/English) lesson plan for a fifth-grade class in Taiwan. Taught American culture courses in Chinese and English.

Medium Design Collective: Incubates, Ithaca, NY   **August 2021 – May 2022**
Co-Leader of student organization sub-group. Oversaw interdisciplinary team of four club members to create a community intervention to facilitate town-gown relations in Ithaca. Developed design curriculum, recruited members, and facilitated participation in design competitions.

AWARDS

Hilton Hackathon – Most Innovative   **Fall 2022**
Prize received from for most innovative business pitch to enhance Hilton's business model post-pandemic.

Critical Language Scholarship Program (CLS)   **Summer 2022**
Merit-based scholarship sponsored by the U.S. Department of State to support the study of critical languages. Intensive study of Chinese language at Tamkang University in New Taipei City, Taiwan.

Huayu Enrichment Scholarship (HES)   **Spring 2022**
Scholarship from the Taiwanese Ministry of Education to fund classes at National Taiwan Normal University in Taipei, Taiwan.

National Language Security Initiative for Youth (NSLIY)   **Summer 2018**
Merit-based scholarship provided by the U.S. Department of State to support the study of critical languages. Intensive study of Chinese language at Wenzao Ursuline University of Foreign Languages in Kaohsiung, Taiwan.

PUBLICATIONS

Porciello, Jaron; Bourne, Thomas; Lipper, Leslie; Lin, Sammi; and Langleben, Sarah. 2021. *Mining the Gaps: Using Machine-Learning to Map a Million Data Points on Agricultural Research from the Global South*. Colombo, Sri Lanka: Commission on Sustainable Agriculture Intensification.

PROJECTS

Data Science Final Project: Predicting Alcoholism in Portugal   **December 2021**
Collaborated in a group to develop a data science report. Conducted statistical analyses, authored documentation, summarized findings.

Hilton Hotel Hackathon: Pods by Hilton   **October 2022**
Collaborated in a group to pitch a business plan to address consumer needs post-pandemic. Used data analytics and rapid prototyping (CAD, Figma/wireframing) to develop a business pitch and product.

SKILLS

Languages: Mandarin (advanced proficiency)
Programming: Python, HTML/CSS, Java, JavaScript, R, Pandas, sci-kit learn, Tableau, THREE.js, GitHub, SQL, Figma, Tableau, Git