

Haley Lifrieri

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EDUCATION

Harvard College

Concentration: Computer Science

Language Citation: Spanish

Honors/Awards: National Hispanic Scholar

Relevant Coursework: Intro to Computer Science, Computation Abstraction & Design, Artificial Intelligence, Algorithms & Limitations, Theory of Computation, Design of Usable Interactive Systems, Intro to Probability, Mathematics for Computation

Cambridge, MA

Graduation: March 2024

SKILLS

Computer: R, Python, C++, Java, C#, SQL, Matlab, Ocaml, HTML, CSS, JavaScript, React.js, Figma, Git, Microsoft Azure + Apps

Language: Fluent in Spanish, Intermediate proficiency in Italian

Relevant Training: CodePath Advanced Technical Interview Prep Course, Microsoft Certified: Azure AI Engineer Associate, Headstarter SWE Fellow, Google Data Analytics Course, Python Bootcamp @ Columbia University, EMT-B Certification

EXPERIENCE

CoordHealth

Developer/Consultant

- Developing minimal viable products for pilot web and mobile applications for early-stage Healthcare startup to streamline communication between women's healthcare professionals, caregivers and patients
- Consulting the design, development and management of the app based on data collected from interviewing industry professionals including physicians and target user and tangential audiences

New York, NY

May 2024 – Current

Harvard T.H. Chan School of Public Health

Research Assistant, Climate-Smart Public Health in Madagascar

- Developed and implemented code in R to clean, validate, and extend existing health data within the climate-smart public health database
- Managed a comprehensive health database comprising monthly incidence data for 50+ health outcomes to be harmonized with high-resolution remote-sensing-based measures of local climate and environmental conditions

Boston, MA

Jul 2023 – Aug 2023

Harvard Medical School/Mass General Hospital

Research Assistant, Yang Lab

- Conducted literature reviews, scientific writing, and statistical analysis using STATA
- Annotated frames of videos of a lobectomy, labeling portions of the pulmonary artery
- Canvassed with the American Lung Cancer Screening Initiative to spread awareness of available lung cancer screening options to vulnerable populations

Cambridge, MA

Jan 2022 – Jan 2023

PROFESSIONAL DEVELOPMENT

The Harvard Crimson

Associate, Tech Board

Worked to maintain the newspaper's online website and build upon the current codebase to support future growth

Harvard Open Data Project

Member

Analyzed the effects of COVID-19 on the electricity usage of the upperclassmen Harvard houses

Other Affiliations: Women in Computer Science, Harvard Computing Society, Cuban American Student Association

Cambridge, MA

Sept 2020 – Dec 2024

Cambridge, MA

Jan 2021 – Dec 2024