

Ashley Qin

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EDUCATION

Yale University
New Haven, CT
Aug. 2018–Dec. 2022

B.S. Computer Science (GPA: 3.64/4.00)

- Relevant coursework: Data Exploration and Analysis, Biomedical Computation, Intro to Computer Science, Ordinary and Partial Differential Equations, Multivariable Calculus
- Intended coursework: Data Structures and Programming Techniques, Computational Vision and Biological Perception, Mathematical Tools for Computer Science

Westridge School

High School Diploma, Salutatorian

EXPERIENCE

**Harvard School
of Public Health**
Cambridge, MA
Sept. 2020–Present

Research Assistant at Lin Lab

- Build support for studies of genetic diseases by developing open source dashboard with visualization tools for sequence data (Python)

ReRent
New Haven, CT
June 2020–Sept. 2020

Product Management Intern

- Led 4-person team to develop web application that helps students rent out their rooms and save money on housing (Python, PostgreSQL, JavaScript, HTML/CSS)
- Automated 10 hr./month process in one click by building email manager to parse, store, and visualize data generated by Airbnb (e.g. bookings, cancellations, reservation modifications)
- Improved ease of use scores by 66% with insights derived from usability studies
- Drove weekly agile development sprints, mapped user journeys, and designed mock-ups of webpage elements to define scope and specifications of product

Yale University
New Haven, CT
May 2019–Jan. 2020

Research Assistant at Halene Lab

- Analyzed sequence data to discover mutated U2AF1 protein causes leukemia through abnormally modifying genes essential to cell life cycle and DNA repair (Python, R)
- Helped generate novel humanized mice with fully matured blood cells for leukemia research
- Identified PARP inhibitors as a potential drug treatment option for leukemia
- Co-authored 3 abstracts accepted to 61st annual American Society of Hematology Conference

LEADERSHIP

Yale Daily News
New Haven, CT
Aug. 2019–Present

Data Analytics Editor

- Lead 29 members of Data Analytics Desk to clean, analyze, and visualize data for digital-first reporting
- Grew membership by 115% within first month
- Collaborate cross-functionally with stakeholders (reporters, editors, management) to drive increased production of interactive multimedia projects

**Yale Undergraduate
Research Association**
New Haven, CT
Sept. 2018–Sept. 2019

Board Member

- Organized 4th annual Undergraduate Research Symposium with 40+ student presenters
- Maintained 1400+ listings in Yale Research Database to help undergraduates find research opportunities in disciplines across humanities, social sciences, and STEM

SKILLS

- **Programming:** Python, Java, R, Web Development (HTML, CSS, SQL, JavaScript)
- **Tools:** Tableau, Selenium, Beautiful Soup, Figma
- **Languages:** Mandarin (fluent)