

Clara Q. Chen

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<https://cchen2125.github.io/clara-chen-website>

EDUCATION

Harvard University Bachelor of Arts in Statistics (Data Science track) GPA: 4.0/4.0	Cambridge, MA <i>Graduating May 2025</i>
Loomis Chaffee School High School GPA: 4.236/4.3 – Valedictorian, Cum Laude Society, National Merit Scholarship Winner	Windsor, CT <i>Graduated May 2021</i>

EXPERIENCE

JP Morgan Chase Incoming Data Science Summer Analyst	New York, NY <i>Summer 2024</i>
Universal Music Group (UMG) Analytics Intern, Island Records	New York, NY <i>Summer 2023</i>
<ul style="list-style-type: none">Conducted time series analyses to compare streaming data and social media engagement of artists signed to Island's roster and of potential unsigned artists using Python, Jupyter Notebook, and SQLCreated dashboards and key performance metrics using UMG's BigQuery database that characterize artist growth and fan bases to automate monitoring current artists and identifying new artistsDeveloped new regression models with higher accuracy of predicting streams from playlist information	
Harvard Data Analytics Group (HDAG) Director of Education, Case Team Leader	<i>January 2022 – Present</i>
<ul style="list-style-type: none">Provided data-driven consulting in semesterly case teams to partner companies by analyzing datasets and developing models with machine learning techniques to generate visualizations and economic insightsDeveloped and taught a discovery track curriculum for data science beginners, creating teaching notebooks and datasets ranging across topics such as visualization, regression, NLP, and clusteringCollaborated with the client to develop semester goals and delegated tasks for team analysts to achieve themPresented analysis and findings to the client at midpoint and final presentations	
Harvard University Teaching Fellow Intro to CS, Intro to Probability, Using Big Data to Solve Social and Economic Problems	Cambridge, MA <i>August 2022 – Present</i>
<ul style="list-style-type: none">Lead weekly labs and office hours to guide students with minimal technical background through exercises and projects in C, Python, SQL, HTML, CSS, JavaScript, and R in computer science, statistics, and economics classesProvided feedback on students' weekly problem sets, quizzes, and projects	
Ma'ayan Laboratory at the Icahn School of Medicine at Mount Sinai Bioinformatics Trainee	New York, NY <i>Summer 2022</i>
<ul style="list-style-type: none">Built a new bioinformatics resource by writing sample code for bioinformatics workflows using Python in Jupyter Notebook, compiling biological data files, and creating a website with HTML and CSSCollaborated with other lab members by sharing code and ideas via Github and biweekly lab meetingsCo-authored a paper published to PeerJ on the newly developed bioinformatics resource	
Harvard Business School (HBS) Research Assistant	Cambridge, MA <i>January – June 2022</i>
<ul style="list-style-type: none">Cleaned and analyzed datasets with millions of entries on schools, patents, venture capital funding, and economic indicators for a publication on universities and economic growth using R, Stata, and Python	
Harvard Open Data Project (HODP)	<i>September 2021 – May 2022</i>
<ul style="list-style-type: none">Completed semester-long bootcamp training in data journalism and data analysis packages in Python and RAnalyzed changes in Harvard students' interests before and after college by collecting survey data and creating data visualizations using Python for article publication on the HODP website	

SKILLS & INTERESTS

- Technical: Python, R, SQL, C, HTML, CSS, JavaScript, Tableau, Excel, Jupyter Notebook, Github, Matlab
- Language: Fluent English; Conversational Chinese (Mandarin) and French
- Other: Piano (Harvard Piano Society publicity chair), Clarinet, Dance, Traveling