

Haohua (David) Chen

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Education

Columbia University – New York, NY

Master of Science in Biostatistics (*Public Health Data Science Track*) | *Expected May 2027*

University of Massachusetts Amherst – Amherst, MA

Bachelor of Science in Public Health Science | Minor: Psychology, Mathematics | GPA: 3.81
Sep 2021 – May 2025

Experience

Massachusetts Department of Public Health – Massachusetts, USA

Local Health Intern | *Jun 2025 – Aug 2025*

- Completed 160-hour practicum supporting Northampton's private well regulations.
- Developed **SAS programs** to link well data with property records and track construction trends.
- Authored a **public health abstract** and presented a **scientific poster** to academic and regulatory audiences.

Deqing County Center for Disease Control (CDC) – Guangdong, China

Data Analyst Intern | *Jun 2024 – Aug 2024*

- Analyzed food samples from 12 townships for pathogens and heavy metals.
- Updated **epidemiological databases** and proposed post-pandemic disease control measures.
- Assessed **occupational exposures** (noise, dust) to inform prevention protocol revisions.

Perception Vision Medical Technologies Co., Ltd. – Guangzhou, China

Marketing Data Intern | *Jul 2023 – Aug 2023*

- Researched **AI-powered medical imaging** and radiotherapy applications.
- Built an **Excel-based competitor database** to support market analysis.
- Designed promotional materials for the **17th Annual CSCO Changbai Tumor Conference**.

Certifications & Honors

- SAS Certified Professional: Advanced Programming (July 2025)
- SAS Certified Specialist: Base Programming (June 2025)
- American Heart Association – Heartsaver CPR AED (Valid 2025–2027)
- Dean's List (7 semesters, 2021–2025)

Skills

- Programming: R, Python, SAS, SQL
- Data Visualization: Power BI, Excel
- Languages: English (Professional), Mandarin (Native), Cantonese (Native)