This sample resume will help you in your visa application process. Please note that this resume is different from a standard resume that you would submit in the U.S. for a job interview, and includes information that is used in our adjudicating process that you would not typically include on a resume.

Name (in pinyin and Chinese): Zhuohui Liang 梁卓辉
Gender: Male
Date and Place of Birth: Nov-10-1995, Foshan, Guangdong, China
Home Address: 900 19th Ave S, Nashville , Tennessee , USA, 37212
Business Address: 2525 West End Ave. Nashville, Tennessee, USA 37203
Home Phone: 646-496-3283
Work Phone: 646-980-7452
Mobile Phone: 646-496-3283
E-mail: jeffreyliang1995@outlook.com, zhuohui.liang@vanderbilt.edu

Education – *please list all degrees attained, beginning with the most recent first*
Vanderbilt University; Nashville TN USA, Aug 2022 – Present
PhD Candidate, Biostatistics Program
Decertation topic: Longitudinal synthetic data generation and evaluations

Columbia University; New York NY USA, Aug 2020 – June 2022
Master of Science and Biostatistics
Thesis: Random-Forest for multivariate longitudinal outcome with missing covariate.

Shandong University; Shandong Jinan China, Aug 2014 – June 2019
Bachelor and Preventive Medicine

Work Experience – *please list all work experience, with the most recent experience first*
Research Assistant, Vanderbilt University, Nashville, TN, May 2023 - Present
    - Lead the generation of synthetic EHR data for clinical analysis using machine learning model for the South American HIV consortium (CCASAnet). Presented at IWHOD 2024, 2025 for oval presentation, and invited speaker at JSM 2025. Synthetic data will be published online.
    - Lead the generation of synthetic AllofUS version 2 using in-house-developed diffusion-based machine learning model for long medical cohorts.
    - Design an evaluation framework for medical data using machine learning model to validate its statistical inference utility for clinical applications.

Research Assistant, Vanderbilt University, Nashville, TN, Sep 2022 – May 2023
    - Extracted and built a TB-HIV cohort from an EHR database for CCASAnet. Analyzed trends in time-to-treatment and inferred baseline risk factors using flexible spline models.

Research Assistant, Columbia University, New York, NY, Sep 2020 – Aug 2022
    - Adapted the random forest method for handling missing data as an attribute in EHR data with multivariate outcomes and missing covariates, validate the model with simulation experiment.

Interns, Health Development and Research Center of China, Beijing, China, 06/2019-06/2020
> - Provide expertise on sampling, model selection, result interpretation, and data visualization.
> - Estimate domestic healthcare costs in 2019 and analyze demographic characteristics to optimize resource allocation.
> - Develop a Python algorithm for ICD-10 auto-coding and data format auto-standardization.
> - Conduct a literature review on data mining methods for detecting healthcare fraud and provide data support for a pilot study.

Awards and Group Memberships – *if any*
None

Publications – *please list all publications, if any, with most recent first*
- *Shepherd, Bryan E. and **Liang, Zhuohui** and Timothy R. and Koenig, Serena, Temporal Trends in Tuberculosis and the Time from Enrollment in Care to Antiretroviral Therapy Initiation Among People Living with HIV in Latin America. https://doi.org/10.1016/j.ijid.2025.107979*
- *J Li, S Li, W Cao, Z Wang, **Z Liang**, W Fu, J Zhao, Appraisal of China's Response to the Outbreak of COVID-19 in Comparison With SARS, Frontiers in Public Health 9, 679540*

Languages – *please list all languages spoken and ability*
Chinese, Cantonese, English

Travel History – *please list all foreign countries you have visited in the last 5 years*

China (2023,2024,2025), Germany (2023,2024,2025), Italy (2023,2024), Austria (2023,2024,2025), Japan (2025), Korea (2025), Spain (2023,2025), Portugal (2024), Singapore (2022)

Travel Companions – *please include names, company and date of birth of everyone you plan to travel to the U.S. with on this trip*

Anna S. Lorenz, Vanderbilt University, Aug-16-1998 (Partner)