Boxuan Li | Resume

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Career Objective

o Equipped with excellent academic achievements, and internship experience in a biomedical company, currently seeking a statistician position that will draw upon expertise in data processing, analysis, and interpretation and that will provide opportunities for further development and growth.

Education

Academic Qualifications

o **Columbia University in the City of New York**
Master of Science in Biostatistics,GPA 4.0/4.0 in First Semester,   *2017-2019*

The Hong Kong Polytechnic University
Bachelor of Science in Applied Biology with Biotechnology, Second Class Honours Division 1,   *2013–2017*

Courses and Projects

o **Data Science**

I got thorough training in the elements of a complete pipeline for data analysis through R, including skills in data wrangling, reproducible research, software development, collaboration, and effective communication.

o **Undergraduate Final Year Project**
Potential Genes Whose Amplification is Related to the Low Survival in Breast Cancer Patients

To establish the genetic expression profiles in breast cancer patients, I sifted the genes from databases related to biostatistics, e.g., cBioportal, Oncomine. And I tested the expression level of selected genes within breast cancer cells and breast cancer stem cells through real-time PCR. I also analyzed the significance of those genes in maintaining the stem cell capability.

Previous Employment

o **Mindray Bio-medical Electronics Co., Ltd**   **Shenzhen,China**
Product Engineer   *June–July 2015*

I was responsible for the production of C-reactive protein through cell culture, protein extraction and purification, etc. And I assisted in building the dose-response curve of the synthetic C-reactive protein in cells to test its quality.

o **The Hong Kong Polytechnic University**   **Hong Kong**
Research Assistant   *August 2016–March 2017*

Project: The status quo of HIV and hepatitis C virus (HCV) infections in Guangdong province, China.

I was responsible for the collection of data about the HIV and HCV infections, e.g., morbidity and mortality sorted by times and regions in mainland China. Then I speculated their major routes of transmission and explored the interconnection between HIV and HCV infections via statistical methods, specifically, hypothesis testing and model building.

Technical and Personal skills

o **Programming Languages and Software Skills:** Proficient in: R, SAS, and, most MS Office products;
Also basic ability with: Python.

o **General Skills:** Strong research ability, great communication skills, works well in a team, good at activity organization.

o **Languages:** English (Advanced), Chinese (Advanced), German (Intermediate).