TIANCHUAN GAO

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EDUCATION

Columbia University   New York, New York
Master Student in Biostatistics   **Sep 2021-Present**

Syracuse University   Syracuse, New York
Applied Mathematics Bachelor of Science   **Jan 2016-Dec 2019**
Relevant Coursework: Calculus, Linear Algebra, Probability, Stochastic Processes, Differential Equations, Real Analysis, Numerical Methods.

INTERNSHIP EXPERIENCE

Ipsos   Shanghai, China
Assistant Analyst Healthcare Department   **Sep 2020-Nov 2020**
Assist the project leader to formulate a strategy for a medical device brand to expand into the domestic market, organize and analyze the brand's expansion strategy in the domestic market through desk research.

Tuniu Corporation   Nanjing, China
Assistant Analyst Statistical Business Department   **Jun 2017-Aug 2017**
Main duty includes data analysis and data troubleshooting. Use SQL to acquire past sale data and perform presentations about the analysis. Participate in a major departmental project about the order intension model. Help building a predictive model on users' characteristic based on their historical orders and behavior data.

RESEARCH EXPERIENCE

Nanjing Medical University   Nanjing, China
Research Assistant Biostatistics Department   **Mar 2021-Jul 2021**
Supervised by Professor Zhao Yang. Mainly focus on subgroup analysis methods. Perform simulation to compare between methods. Use appropriate algorithm on certain clinical dataset including SPRINT (Systolic Blood Pressure Intervention Trial) and ACORD (Action to Control Cardiovascular Risk in Diabetes).

Syracuse University   Syracuse, New York
Group Project: Handwritten Digits Recognition   **Oct 2019-Dec 2019**
Use multiple machine learning algorithms including K-Means, KNN, CNN, BP network and LaNet5 to recognize handwritten digits based on MNIST dataset.

SKILLS AND LANGUAGE

Skills: MATLAB(Proficient), R (Proficient), Python (Basic), SQL(Basic)
Language: English, Chinese