Zitong Liu

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Education

Boston College, Lynch School of Education, Boston, MA   **May 2023**
M.S. in Applied Statistics and Psychometrics
University of Minnesota-Twin Cities, College of Liberal Arts, Minneapolis, MN   **August 2020**
B.A. in Psychology, Minor: Art

Work Experience

Shanghai Pharmaceuticals Holding Co., Ltd, Shenyang, China   **June 2019-September 2019**
Import and Export Trade- Data Analyst Intern
- Collected and organized data of shipping information, and situation of materials after shipped to distribution centers.
- Assessed the performances of domestic material suppliers for international customers considering transporting costs and export declaration availability with Excel.
- Successfully helped the team to develop a new Russian client who was looking for a Chinese pharmaceutical material supplier with data visualization and data analysis skills.

Liaoning Province Shiyan High school Kaplan, Shenyang, China   **December 2017-January2018**
Sponsor
- Founded a psychological department for high school students who need professional help with their psychological health, career, and life decisions as a graduate student.
- Assisted teachers in managing the department and recruiting students who intended to further study psychology.
- Connected with professionals in counseling psychology in the agency to make a contract for weekly training and free assessment program for students who were enduring stresses.

Dr. Dong Psychological Counseling Agency, Shenyang, China   **May 2017-August 2017**
Therapy Assistant
- Interviewed patients to record medical history and symptoms and conducted research to help psychiatrists determine potential treatments, reducing cycle time by 10%.
- Learned to apply therapies toward bipolar disorder and depression caused by work pressure without medical treatment.
- Tracked two patients' therapy outcomes and compiled reports to the psychiatrist on patients' condition and satisfaction.

Other Experiences/Projects

Statistical Analysis Project   **September 2021-Present**
- Assess MCAS 6th Grade Math test's validity using Item Response Function in R, Noharm4 and IRTPRO.
- Use simple regression to examine the relationship between teacher pay and per-pupil expenditure for 50 states and the District of Columbia with SPSS.
- Build Logistic Regression model to analyze relationship between technological unemployment and academic background using R and SPSS.
- Fit the Latina Lesbian's "Satisfaction with Life Scale (SWLS)" data into 2 parameter model with R and IRTPRO.
- Utilize Repeated Measure ANOVA in SPSS to analyze psychological case designed between subjects and determine effects of "consequences" and "adult-type" on "time of children's participation in behavior".

Official Social Media Account   **November 2019-Present**
- Regularly publish financial articles, including investment knowledge, the newest financial swindler cases analysis, and introduction of investment risks.
- Collect audience data and analyze key factors that affect audience's reading time, such as article length and topics, using Factorial ANOVA in R.

Skills

- Platforms: Microsoft Office, Excel, SPSS, R, IRTPRO, NOHARM, TABLEAU, POWERBI, SQL
- Graphic Design: Photoshop, Adobe Illustrator, Rhino, 3D printer, CNC Router
- Languages: English, Mandarin
- Team leadership, Interpersonal and written communication, public speaking, multi-tasking