

EDUCATION:

-
- **Master of Science in Applied Statistics** May 2019
Wright State University, GPA: 4.0/4.0 Dayton, OH
 - **Master of Science in Optical Engineering** March 2007
Tianjin University of Technology, GPA: 3.5 /4.0 Tianjin, China
 - **Bachelor of Science in Electronic Information Science and Technology** June 2004
Tianjin University of Technology, GPA: 3.4 /4.0 Tianjin, China

RELEVANT COURSEWORK:

-
- | | | |
|------------------------|----------------------------|-------------------------------|
| ▪ Theory of Statistics | ▪ Time Series Analysis | ▪ Clinical Trials |
| ▪ Method of Statistics | ▪ Computational Statistics | ▪ Applied Regression Analysis |
| ▪ Machine Learning | ▪ Linear Algebra | ▪ Environmental Statistics |

TECHNICAL SKILLS:

-
- **Programming languages:** SAS, Python (numpy, matplotlib, pandas)
 - **Scripting languages:** R (clinical package, TAS, ggplot2, Car, Cars)
 - **Database:** MS SQL, MS Access, MS Excel

PROJECT EXPERIENCE:

-
- **A Needs Assessment of Staff and Providers at a Free Primary Care Clinic**
Analyzing data with simple linear regression and logistic regression, Pearson's correlation, Paired T-Test. Writing and presenting specifications and reports.
 - **Bariatric Complications**
Descriptive statistics for categorical variables, processing, analyzing and interpreting data sets using SAS, R. Analyzing data with ordinary logistic regression.
 - **Huntington's Disease**
Running a mixed effects ANOVA model with a random effect for dependent variables.
 - **Canadian HARE Data in Time Series**
Applying a box cox transformation. Performing the Shapiro-Wilk test of normality. Fitting ARIMA Model.

CERTIFICATIONS:

-
- **SAS BASE programmer**
 - **SAS Advanced programmer**

HONORS AND AWARDS:

-
- **2019 Graduate Student Excellence Award for Applied Statistics program, Wright State University**

ADDITIONAL EXPERIENCE:

-
- **Graduate Teaching Assistant in Department of Science and Mathematics, WSU** Aug 2018 - Current
Teaching Elementary Statistics in R
 - **Nexans (China) Wires & Cables Co., Ltd** May 2016 – April 2017
Commercial Supervisor
 - **Yangtze Optical Fibre and Cable (Shanghai) Company Ltd.** April 2007- April 2016
Quality Control Supervisor