

YIMENG (LORA) GAO
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EDUCATION

The University of Iowa, Iowa City, IA

Anticipated Dec. 2021

B.S. Statistics, B.A. Mathematics

GPA: Cumulative 3.65/4.00 – Dean’s List Spring 2019 & Fall 2019 & Fall 2020 & Spring 2021; President’s List Spring 2020

COMPUTER SKILLS

Languages: SAS, MATLAB, Python, R, SQL, Power BI

Software: Minitab Statistical Software, Quartics, AutoCAD, Autodesk 3ds Max, Microsoft Visio, Word, Excel, PowerPoint

CLASS PROJECT EXPERIENCE

Data Visualization and Data Technologies, Air Pollution Project

Spring 2021

- Practiced common techniques for visualizing univariate and multivariate data, data summaries, and modeling results
- Analyzed Chin’s PM.2.5 dataset by using RStudio to create models, make visualization graphs, and draw conclusions under the Air Pollution topic.

Statistical Learning, Predictive Modeling and Classification Projects

Fall 2020

- Focused on regression, classification, and clustering and used appropriate software to apply methods
- Analyzed some real-life data sets by using RStudio to create predictive models, make predictions, and draw conclusions

INTERNSHIP

Insurance Operation Intern

May 2021 – Present

Athene, West Des Moines, IA

- Provided technical product expertise for the purposes of developing, testing, and implementing new products and administration system modifications
- Created process maps for multiple projects using Visio to identify pain points and areas for process improvement
- Assist in reviewing and revising current processes to gain efficiencies and improve quality
- Provided strong documentation over processes and data analysis performed
- Trained on Six Sigma methodology and applied it by leading and executing my own project for improving the Rate Loading process
- Worked on Beneficiary Clean-Up Project for different products in AS400 system
- Provided Statement Verifications Output for Product Analysts

TECHNICAL & STATISTICAL EXPERIENCES

Research Data Entry Specialist

Nov. 2020 – Present

College of Education, University of Iowa

- Entered student reading and writing data and teacher fidelity data into a spreadsheet or Access database
- Completed maintenance tasks to keep the data clean, organized, and ready for analysis from our statistics team
- Helped organize information for reports for different audiences
- Created statistical analysis report by using R programming language

IT Desktop Help

Jan. 2020 – Jan. 2021

College of Public Health, University of Iowa

- Performed routine installation, maintenance, and support of hardware and software
- Served as liaison between technical staff and customers/users to resolve basic problems and concerns
- Provided one-on-one support for assigned applications and duties

COLLEGE & VOLUNTEER ACTIVITIES

President & Founder, Stats and Data Science Organization

Oct. 2019 – Present

Secretary, Students in Technology and Sciences

Aug.– Nov.2019

Volunteer, Animal Adoption Center, Iowa City, IA

Mar. 2019 – Jan. 2020

LANGUAGE PROFICIENCIES

Trilingual–Mandarin, Cantonese, and English