Chuyang Li

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EDUCATION

University of Illinois, Urbana-Champaign Aug 2021 - May 2023

Degree: Master of Science Major: Information Management GPA: 3.9/4.0

- Core Courses: IS597-PR, CS446 (Machine Learning), CS411 (Database System), IS507

Zhejiang University Sep 2016 - Jul 2020

Degree: Bachelor of Science Major: Resource and Environment Science GPA: 3.5/4.0 (Core: 3.6/4.0)

- Core Courses: Python Programming, Theory and Practice of Spatial Data Analysis

INTERNSHIP & WORKING EXPERIENCE

Shanghai Mathart Software Inc. *Data/Business Analyst* Dec 2020 - May 2021

- Optimization on the ETL procedure of the quality monitor platform (SAS-based system) for Shanghai General Motor focusing on adaption to their advanced business logic and better efficiency on dealing with massive unstructured data.

VMLY&R (Shanghai) Co. Ltd *Intern Data Analyst of Ford China Team* Jul 2020 - Dec 2020

- Analysis on users' data of Ford's mobile applications to provide insights for UX designers and operating officers.
- Helped the team enhance user experience of the interface and increase satisfaction by 15% during Q4 2020.

PROJECTS

SAWBO (Scientific Animations Without Borders) Feb 2022 - Now

Role: Contributor of Data Analysis Team Skills: Python

- Based on Youtube data, analyze users' behavior (group by regions, languages, etc.) to improve contents of the website.

Course Enrollment Management System Sep 2021 - Nov 2021

Role: Individual Contributor / Backend Skills: Django (Python), MySQL, MySQL Server

- Co-designed the conceptual model of the system as well as an innovative feature (course recommending feature).
- Developed backend of a course enrollment management system using SQL and Django.

Upgrade on QUEEN.KNOW Quality Management Platform Jan 2021 - May 2021

Role: Individual Contributor / Data Analyst Skills: SAS

- Based on the service logic of the original system and research, reprogrammed constraints on ETL layer of the platform to deal with a larger amount of data more efficient.

Mapping and Simulation of Spatio-temporal Diffusion of ASF in China Mar 2019 - Jul 2020

Role: Individual Work Skills: Python, Data Modeling via Machine Learning

- Analyzed the spatiotemporal distribution of ASF (an infectious viral disease for pigs), discovered certain rules, and obtained a well-performed model using Maximum Entropy Algorithm to simulate ASF pandemic risk throughout China.
- Found out 5 high-risk areas and 8 main environmental impact factors for reference of future prevention of ASF.

CERTIFICATIONS

- SAS Certified Specialist: Base Programming Using SAS 9.4 Jan 2021

PROFESSIONAL SKILLS

- Programming (proficiency highest to lowest): Python (PyTorch, Pandas, Django, sklearn), SQL, SAS, R
- Geographical Data Analysis: ArcGIS, ArcGIS Engine, ENVI
- General Data Analysis Tools: Adobe Analytics, Tableau, SPSS, Power BI