He "Linda" Huang

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Skills

- Data Analysis with Python/R
- Data Crawling
- Statistical Modeling
- Data Visualization with R/Python/JavaScript
- Database Management with SQL/NoSQL
- Solid Programming Background of Python/Java/C

Experience

2017.06 – PRESENT
Data Engineer / Sujitech LLC, Champaign, IL
Set-up recommendation system by collaborative filtering. Gather user information from social networks to build user profiles. Visualize user relationships to demonstrate and communicate with partners.

2016.06 – 2017.05
Research Assistant / CLAN Labs at Purdue University, West Lafayette, IN
Project "On Tensor Train Subspace Anomaly Detection via Oversampling". Focus on inter-dimension relationships (or inter-feature relationships) on high- dimensional datasets, mostly images and videos. Given a speech on CSESE 2017 at Purdue.

2015.08 – PRESENT
Teaching Assistant / Purdue University, West Lafayette, IN
Answering questions about course-related projects. Help students to understand coursework better.

Education

2017.08 – 2019.05
Master of Science, Computer Science / Purdue University, West Lafayette, IN
Courses: Algorithms, Statistical Machine Learning, Operating Systems (In Progress), Simulation and Modeling (In Progress)

2014.08 – 2018.05
Bachelor of Science, Computer Science / Purdue University, West Lafayette, IN
Bachelor of Science, Mathematical Statistics
GPA: 3.93
Courses: Data Mining, Information Retrieval, Java Programming, Algorithms and Data Structure, Time Series, Statistical Theory, Probability, Linear Algebra, Real Analysis …

Projects

2017.05 – 2017.08
WeChat Bot
Developed a chat bot in group chat can reply any message when it was mentioned. Gathered Chinese corpus by processing daily talk from chat. Train the bot using corpus through API

2015.08
Container Optimized Deep Learning
Acquire sentences from weibo.com (Twitter in Chinese) and analyze them dynamically to make a real-time "Hot Word Rank". Process sentences and request sentence analysis and demonstrate the process of analysis by word cloud. Won the first prize in HP Hackathon in Shanghai.