

He “Linda” Huang

Education

- 2017–2019 **Master of Science, Computer Science, Purdue University**, West Lafayette, IN.
- GPA: 4.0
 - Courses: Algorithms, Statistical Machine Learning, Operating Systems (In Progress), Simulation and Modeling (In Progress)
- 2014–2018 **Bachelor of Science, Computer Science, Purdue University**, West Lafayette, IN.
- Bachelor of Science, Mathematical Statistics, Purdue University**, West Lafayette, IN.
- GPA: 3.93/4.0
 - Courses: Data Mining, Information Retrieval, Java Programming, Algorithms and Data Structure, Time Series, Statistical Theory, Probability, Linear Algebra, Real Analysis ...

Experience

- 2017.06 – **Data Engineer, Sujitech LLC**, Champaign, IL.
- 2017.12
- 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 – **Research Assistant, CLAN Labs at Purdue University**, West Lafayette, IN.
- 2017.05
- Researched on 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 – **Teaching Assistant, Purdue University**, West Lafayette, IN.
- Answering questions about course-related projects. Help students to understand coursework better.

Projects

- 2017.05 – **WeChat Bot.**
- 2017.10
- Developed a chat bot in group chat can reply any message when it was mentioned.
 - Gathered Chinese corpus by processing daily talk from chat. Trained bot with the corpus and add sticker reply to the bot.
 - Replying thousands of messages in the group chat.
- 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”.
 - Perform sentence analysis and demonstrate the process of analysis by word cloud.
 - Use docker to minimal time and computation resource used when changing model.
 - Won the first prize in HP Hackathon in Shanghai.

Skills

Programming Python, R, Java, C/C++

Database SQL, MongoDB

Other Data Analysis, Machine Learning, Data Crawling, Data Visualization

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