He "Linda" Huang

Experience

2019.07 – **Software Engineer**, *Meta Platforms, Inc., fka. Facebook, Inc.*, Menlo Park, CA.
- Design and implement core backend software components, primarily using PHP and Python, to support various Facebook family of Apps.
- Conduct thorough design and code reviews while continuously analyzing and enhancing the efficiency, scalability, and stability of various system resources.

2018.06 – 2018.07 **Software Engineer Intern**, *bilibili Group*, Shanghai, China.
- Extracted temporal and geographical information from access logs of billions of videos.
- Analyzed data to optimize video deployment to specific Content Delivery Networks (CDN) prior to peak times, resulting in a cost savings of millions of dollars on storage.

2017.06 – 2017.12 **Data Engineering Intern**, *Sujitech LLC*, Champaign, IL.
- Collected and analyzed user data utilizing Python to enhance recommendation algorithms, improving the overall user experience.
- Utilized JavaScript to create intuitive visualizations that effectively showcased user relationships, facilitating seamless communication with external partners and stakeholders.

2016.06 – 2017.05 **Research Assistant**, *CLAN Labs at Purdue University*, West Lafayette, IN.
- Researched on project "On Tensor Train Subspace Anomaly Detection via Oversampling".
- Focused on inter-dimension relationships (or inter-feature relationships) on high-dimensional datasets, mostly images and videos.

2015.08 – 2018.05 **Teaching Assistant**, *Purdue University*, West Lafayette, IN.
- Worked as dedicated teaching assistant for the Java Programming and System Programming courses, contributing expertise and support over a span of two years.
- Provided valuable guidance by addressing students' inquiries regarding course-related projects, fostering a deeper understanding of the coursework.

Education

2017–2019 **Master of Science, Computer Science**, *Purdue University*, West Lafayette, IN.
- GPA: 3.24/4.0
- Courses: Algorithms, Programming Languages, Compiling And Programming Systems, Numerical Analysis, Database Systems, Distributed Computing Systems

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: Problem Solving And Object-Oriented Programming, Programming In C, Computer Architecture, Data Structures And Algorithms, Systems Programming

Projects

2017.05 – 2017.10 **WeChat Bot**.
- Designed and implemented a chat bot capable of responding to any message within a group chat when mentioned.
- Successfully handled and replied to thousands of messages within the group chat, ensuring a seamless and engaging user experience.
- Published a comprehensive development tutorial for the project, gathering over 80 stars on GitHub.

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