

He "Linda" Huang

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EDUCATION

PURDUE UNIVERSITY Expected Aug 2014 - May 2018
Major in Computer Science, Mathematics, Statistics • GPA: 3.92

PROJECTS

BRICK STEP Apr 2016

- Build a simple interesting web-based music game(JavaScript) and the only rule is not touch the white bricks.
- Design the two modes of the game and whole website(Html/CSS).
- Receive favorable comments from game players.

LDLSPP Aug - Sept 2015

LAN Danmuku Live Stream Player Project

- Display comments by audience on the top of the video at the same time when they are watching live lecture to improve interactivity between audience and lecturer.
- Build back-end Danmuku(comment) process (Ruby); Design front-end layout and animate danmuku (C#).
- Perform feedbacks and record them and thus used by a high school in Shanghai.

CONTAINER OPTIMIZED DEEP LEARNING Aug 2015

- Acquire sentences from Weibo(weibo.com) and analyze them dynamically to make a real-time "Hot Word Rank".
- Demonstrate the process of analysis by word cloud (JavaScript); Process sentences and request sentence analysis (Ruby).
- Won the first prize in HP Hackathon - Shanghai

RESEARCH

MULTI-DIMENSIONAL DATA ANALYTICS | Jun 2016 - Sept 2016

- Use High-order Markov chain and Tensor Train decomposition to deal with big time series.
- Aim at compress big time series and de-noising by our algorithm.

EXPERIENCE

UNDERGRADUATE TEACHING ASSISTANT Aug 2015 - Present

Instruct students in courses to guide them make the first step in programming.

SUMMER DEVELOPMENT POOL Jun - Aug 2016

Help design the projects and assignments for undergraduate level **Data Structures and Algorithms** course.

SCHOLARSHIP AND AWARDS

HONORABLE MENTION Oct 2015

Take part in ACM East Central North America Regional 2015.

CS CONTINUING STUDENT SCHOLARSHIP Academic Year 16-17

From Boeing Company given to top continuing computer science students.

APPLE SCHOLARSHIP Oct 2015

Apple Inc. gave to top women computer science students to attend Grace Hopper Celebration held in Huston.