

## JACK (Gengxiao) Li

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### EDUCATION

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#### UNIVERSITY OF ILLINOIS

Urbana-Champaign, IL

*Master of Science in Financial Engineering, Expect Dec 2018*

#### SYRACUSE UNIVERSITY

Syracuse, NY

*Bachelor of Computer Engineering, May 2017*

GPA: 3.59/4.0

### WORKING EXPERIENCE

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#### J.P. Morgan Chase & Co.

##### Intern

Sep 2016-Oct 2016

- Walked through eight steps of how SAIC Motor successfully completed share placement
- Summarized the bond and financing situation of EverGrande Group; mainly focus on analyzing corporate bonds and the affection to the company
- Studied change of share ownership; compared the changes of share ownership of BBMG Group before and after trading
- Getting to know the advantages and disadvantages of VIE structure; learned how companies relieved VIE structure

### RESEARCH & ACTIVITIES

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#### Senior Design: Blind Assist System

Jan2017-Apr 2017

- Constructed a system to help blind person to walk on the side without working sticks
- Main responsible for software programming; implemented algorithm to be able to find the edge of sidewalk from input images; then data to path analysis
- Analyzed various types of images which included obstacle, traffic signal and crosswalk and the improved recognition rate
- Completed video stabilization and edge detection program, line detection program; Utilized Open VX framework setup and configured on Nvidia X1

#### Verification of Hardware Design of Spiking Neuron Network

May 2016-July 2016

##### Instructor: Qinru Qiu

- Verified the spiking neuron model function and fixed bugs in a three-person student team
- Studied how to go through data path and learned how to check waveform and modify the code to fix bugs
- Simulated the result of spiking neuron network by using MobaXterm and Cadence Simulator through using Verilog
- Testing pipeline multiplier; Ran hardware neuron simulator successfully.

### SKILLS

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**Language:** Native Speaker of Mandarin, fluent in English

**Technical:** Proficient in Language C, C++, C#, System C, Java, Vhdl.

### OTHERS

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**Interest:** Basketball, workout, swimming, travelling.