

# YUQING LIN

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## EDUCATION

**Binghamton University, State University of New York, Thomas J. Watson School of Engineering and Applied Science**  
*Bachelor of Science in Computer Science* *Expected May 2020*

Relevant Course: Programming & Hardware Fundamentals (Fall 2018) Computer Systems II (Spring 2019) Data Struct & Algorithms (Spring 2019)  
Cumulative GPA: 3.63/4.00

**LaGuardia Community College, City University of New York**

*Associate of Science in Computer Science*

*June 2018*

Cumulative GPA: 3.8/4.00 | Dean's List: Fall 2016, 2017 Spring 2017, 2018

## SKILLS

**Language:** Python, Java, C/C++, Mips

**Software and OS:** GNURADIO, Eclipse, GitHub, Linux, Visual Studio, PyCharm,

**Additional:** HTML5, CSS3, Java Script, Digital Circuit Design, USRP, Fluent in Mandarin and Cantonese

## TEAM PROJECT EXPERIENCE

### EY Tech Competition

**Binghamton University**

*Future of Fasten* – Team Member for Analyze Data

*September 2018 - October 2018*

- Researched rideshare marketing and recommended to Fasten, worked closely with four other Business Administration students; gathered, analyzed and provided data of online advertising cost to support their marketing strategies.
- Studied SWOT for case analyze, improved problem identification and solving skills, gained experience in a cross-functional project.

### CUNY Undergraduate Research Project

**LaGuardia Community College**

*Directional Signal Transmission in Wireless Communications* – Team Leader

*June 2017 - July 2018*

- Researched wireless communication and signal direction finding based on method of Angle of Arrival with Universal Software Radio Peripheral and implemented on GNURADIO.
- Studied advance software defined radio technology, basic wireless communication theories and real-world implementations on Python and Linux operating system.
- Reviewed quantitative and qualitative data gathering, system performance and energy efficiency.
- Managed a team of four others in brainstorming, scheduling, calculated complex mathematical equations, models and task delegation to present at CUNY wide symposium for faculty, students, and public.

### C++ Programming Project

**LaGuardia Community college**

*Object Tracking*

*May 2017 - July 2017*

- Implemented C++, Microsoft visual studio to access OpenCV and implemented object tracking algorithm in real time.
- Implemented object tracking algorithm and its efficiency on videos captured by webcam.

## OTHER EXPERIENCE

### LaGuardia Community College

**New York City, NY**

*Student technology Mentor*

*February 2017 – March 2018*

- Worked closely with LaGuardia faculty, to design, create, utilize and maintain technology-enriched teaching.
- Attended related classes to work as teaching assistants, supplementing work of faculty and the IT staff and helping students use digital resources.

### Panda Cafe

**New York City, NY**

*Assistant Manager*

*June 2016 – June 2017*

- Responsible for all daily controllable costs including food, beverage, and supplies.
- Uphold company food safety, food handling and sanitation requirements, to ensure the health and safety of guests and team members.
- Communicated with customers and handled customer complaints in a patience and efficient way.
- Reported customer complaints to restaurant manager and responsible for improving food quality.

## ADDITION

- Member of IEEE New York Chapter
- Member of ACM Binghamton University Chapter
- U.S Resident eligible to work

*July 2017 - Present*

*September 2018 - Present*