

# Yikai Lu

4114 Deerpark Dr, Amherst, NY

Email : yikailu@buffalo.edu

Mobile : +1-716-957-6726

## EDUCATION

---

- **University at Buffalo** Buffalo, NY  
*Bachelor of Arts in Mathematics-Economics; Major GPA: 3.02* Aug. 2015 – Aug. 2020
- **University of Electronic Science and Technology of China** Chengdu, China  
*Mechanical Design and Automation* Aug. 2013 – Feb. 2015

## PROJECT EXPERIENCE

---

- **Study of Public's Perception on Freshmen** Buffalo, NY  
*COM202 - Intercultural Communication* Nov 2019 - Dec 2020
  - Designed and managed a public survey on people's attitude to freshmen students.
  - Visualized the questionnaire data and established a mathematical model to verify the results.
- **Financial Design Project** Buffalo, NY  
*ECO425 - Money and Financial Institutions* Mar 2019 - Apr 2019
  - Developed a model of Credit Union serving communities.
  - Collected and analyzed relative group data and verified model's feasibility.
- **Web Design Project** Buffalo, NY  
*DMS121 - Digital Arts* Apr 2019 - May 2019
  - Created a website that displays real-time stock market information on a customized dashboard.
  - Utilized the available APIs from Bloomberg and integrated them into the website.

## WORK EXPERIENCE

---

- **36Kr.com** Buffalo, NY  
*Technology Editor* Feb 2017 - Oct 2019
  - Sourced technical articles that introduce cutting-edge technologies from major tech media and personal blogs.
  - Translated 30+ articles into Chinese language with authors permission, removing the barriers of knowledge sharing.
- **UB Chinese Students and Scholars Association** Buffalo, NY  
*Minister of Operation Department* Sep 2016 - June 2018
  - Organized information of 100+ apartments around the campus and published them to students.
  - Collected 2016Fall Chinese freshmen's flight information and made the pick-up schedule.
- **KeDa Makerspace - A Startup Incubator** ChengDu, China  
*Co-Founder* Sep 2014 - Aug 2015
  - Served and assisted 5 entrepreneurial teams.
  - Responsible for external publicity and handling public relations.

## CERTIFICATION

---

- **IBM Data Science Professional Certificate** (Jun 2020)
- **Data Engineering with Google Cloud Professional Certificate** (Pending Aug 2020)

## PATENT

---

- **CN104157275A** A electronic musical instrument that can play 31 tones by five keys.
- **CN204378001U** A novel sign-language communication glove that allows user to communicated by gesture Recognition.

## SKILLS

---

- **Programming:** Matlab, Python, Java, SQL
- **Technical Skills:** AWS, Google Cloud, Minitab, Excel