

Yue Kuang

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🎓 Education

University of Michigan, Ann Arbor, Michigan, United States Expected May 2021

Bachelor of Science in Computer Science (Dual Degree), Minor in Mathematics

* **Cumulative GPA:** 4.0/4.0

* **Honors & Awards:** 2019 Fall Term Dean's Honor List, Second Place in the Cooley Writing Contest

* **Course Works:** Introduction to Machine Learning (A+), Web Systems (A), Natural Language Processing (in progress), Computer Vision(in progress)

Shanghai Jiao Tong University, Shanghai, China Expected August 2021

Bachelor of Science in Electrical and Computer Engineering (Dual Degree)

* **Cumulative GPA:** 3.85/4.0

* **Honors & Awards:** 2017-2018 & 2018-2019 Undergraduate Excellence Scholarship, Yu Liming Scholarship

* **Course Works:** Programming & Elem. Data Structures (A), Intro to Logic Design (A+), Discrete Mathematics (A)

📖 Research Experiences

Summary Error Evaluation Project September 2020 - Present

- * Evaluate summary quality by annotating four types of un-faithful content, including hallucinations, mis-construction errors, world knowledge, and ambiguous errors.
- * Conduct research on abstractive document summarization generation models and summary error evaluations.

Deep Learning Research on a Large-scale Research Platform June 2020 - Present

- * Work as Leader Board Member on 1Cademy, a collaborative research platform and lead the deep learning map.
- * Lead weekly meeting of deep learning research team where team members collaboratively researching recent techniques and algorithm regarding applying deep reinforcement learning to improving human learning.

Mapleseed: Sensor Network Laboratory January 2020 - Present

- * Implement Convolutional Neural Network to perform classification of particles' images captured by the optical microscopes on a fast drone
- * Run codes on a NVIDIA Jetson Nano GPU board to realize real-time image classification.

GNN Interpretation Methods (Liu Lab) February 2020 - July 2020

- * Conducted research and wrote literature review for recent works about Neural Network and Graph Neural Network Interpretation methods such as decoy-enhanced saliency score, GNN explainer, and Graphlime.

📁 Work Experiences

NLP Intern - Bashpole Software, Inc. August 2020 - December 2020

- * Realized info extraction from nonprofits client websites with web crawling techniques and Stanford CoreNLP sentence splitting, POS tagging, and dependency parsing models.
- * Developed automate Ads generation model and constructed Bayes Networks for Ads Compliance Policy Project.

Discrete Math Course Grader - EECS 203 September 2019 - April 2020

University of Michigan

Physics Lab Teaching Assistant - VP 141 May 2019 - August 2019

Shanghai Jiao Tong University - Joint Institute

Academic Writing Courses Teaching Assistant - VY 100/200 September 2018 - April 2019

Shanghai Jiao Tong University - Joint Institute

👜 Extracurricular Activities

Volunteer for Recording Audio Readings For Blind Children September 2018 - April 2019

Technology & Education: Connecting Cultures

Member of Art Department of Student Union September 2017 - June 2018

Shanghai Jiao Tong University - Joint Institute

★ Skills & Certifications

Computer: Altium Circuit Designer, Vivado, Clion, Visual Studio, IntelliJ, Linux, Pycharm, MySQL

Programming Language: Python, C, C++, Java, Javascript, CSS, SQL, MATLAB, Verilog

English: TOEFL 108 GRE 325+3.5