

Wei Ji Li

weijili@umich.edu
weijili.me

(734)-864-6870
2170 Cram Pl Apt 8
Ann Arbor, MI 48105

EDUCATION

- **University of Michigan** Ann Arbor, MI
Bachelor of Science in Computer Science & Data Science **GPA: 4.0** Expected May 2022
 - **Relevant Courses:** Algorithm(Eecs 281), Computer Organization(Eecs 370), Data Structures(Eecs 280), Linear Algebra(MATH 217), Probability(MATH 425)
 - **Work:** Kiluk Tutor (one-on-one) for Linear Algebra (MATH 217) at Math Department
- **Rensselaer Polytechnic Institute** Troy, NY
Bachelor of Science in Computer Science **GPA: 3.96(Dean's Honor List)** Aug 2018 – May 2019
 - **Relevant Courses:** Data Structures, Discrete Mathematics, Computer Organization, Multivariable Calculus
 - **Work:** Undergraduate Tutor for Data Structures at the Advising & Learning Assistance Center

EXPERIENCE

- **Crossmod** Ann Arbor, MI
Undergraduate Researcher Sep 2019 – Present
 - **Real-time deployment of a new AI-based moderation system for Reddit.**
 - **Machine Learning:** Deployed the Crossmod system on local machine to AWS Cloud Server; Built a database and collecting more data; Implementing dynamic training and improving ML backend; The system can now work with high efficiency and accuracy on several subreddits like r/Futurology;
- **Ant Financial (Alibaba Group)** Hangzhou, China
Software Engineering Intern Jul 2019 – Aug 2019
 - **Machine Learning:** Worked on a Machine Learning Platform(PAI); Designed an image classification algorithm with deep learning and built the whole workflow for running on GPU; Packaged the algorithm as a template for other people to use; Wrote Python SDK for users to conveniently built machine learning projects.
 - **Full-stack Web Development:** Built an admin management page for the Machine Learning Platform(PAI) to monitor the usages and manage the algorithm templates with ReactJS Front-end and Java Back-end.
- **Submitty** Troy, NY
Open Source Developer Aug 2018 – May 2019
 - **Submitty:** A programming assignment submission system from RCOS (An Open Source Community at RPI); Used for all CS courses at RPI; Could auto-grade and analyze students' programming homework
 - **Full-stack Web Development:** Achieved features such as group assignment submission; Maintained the system and fixed bugs with PHP Back-end.
- **HackRPI** Troy, NY
Co-organizer (First-year Representative) Oct 2018 – Mar 2019
 - **The largest Hackathon at RPI with 500 participants around the US.**
 - **Tech Support:** Built the official website; Built and maintained an online live announcement board.

PROJECTS

- **Smart Library System:** A face-recognition system for High School Library; Achieved functionality of borrowing, returning books and validating students; Based on Python; Improved the efficiency and accuracy to 95%+.
- **PONG:** A redesigned and upgraded PONG video game; Built the game with more modes, features and visual effects; Based on JavaScript; Won the First Prize in the final competition at UCLA summer program.
- **AR Clock:** A Time-Management Web app for smartphone; Helped people tracked their time spent on different tasks in a day, a month and a year; Showed the overall statistics for people with AR.

SKILLS

- **Programming Languages:** C++, Python, Java, JavaScript, C, PHP, SQL, Swift
- **Technical Skills:** ReactJS, Bootstrap, Tensorflow, Pytorch, Keras, AWS
- **Languages:** English, Chinese(Mandarin)