

# RUNMING LI

✉ andy@runming.xyz · ☎ (+86) 139-8001-6050 · 🌐 EULIR · in RUNMING LI

## 🎓 EDUCATION

**Chengdu No.7 High School**, Sichuan, China

Sep. 2017 – Present

GPA: 92.46 / 100 unweighted

**Chengdu Shude Experimental Middle School**, Sichuan, China

Sep. 2014 – Jun. 2017

## ★ STANDARDIZED TEST SCORES

- **SAT**: Superscore: 1490; Best Reading and Writing: 690; Best Math: 800; Essay: 6/6/7
- **SAT Subject Tests**: Math 2: 800; Physics: 800
- **TOEFL**: Overall: 111; RLSW: 28/27/29/27
- **Advanced Placement (AP)**:
  - 2018 - Computer Science A: 5; Statistics: 5
  - 2019 - Calculus BC: 5; Physics C Electricity and Magnetism: 5; Physics C Mechanics: 5
  - 2020 (planned) - Psychology; Microeconomics; Macroeconomics

## 👥 WORK EXPERIENCE

**Sobey Digital Technology Co., Ltd.**, Sichuan, China

Mar. 2019 – Apr. 2019

*Intern, Assistant Tester* Total hours committed: 200

- Tested functionalities of EditMax nonlinear editing system, a world-class video editing system in Ultra High Definition (UHD) editing (our clients including China Central Television), and Vernox database, a newly designed distributed database specifically for Chinese application scenarios
- Evaluated and added test cases for EditMax and Vernox to ensure they work under different unexpected circumstances
- Discovered, reported, and fixed 20+ bugs of EditMax system and Vernox database

## ⚙️ SCIENCE AND TECHNOLOGY ACTIVITIES AND AWARDS

**Code for Chengdu Computer Science Club**

Jul. 2017 – Present

*Club Member* 2 hr/wk in grade 10

- Attended lectures and seminars actively and proposed club improvement plans
- Prepared lecture materials for then club leaders and guest lecturers

*Club Leader* 5 hr/wk in grade 11 - 12

- Hosted computer science lectures about algorithms, data structure, object-oriented programming, etc
- Hosted advanced computer science lectures about game engines, website design, data analysis, etc
- Organized and led an AP CSA study group to prepare for the exam
- Led club members to do hand-on projects such as underwater robots using Arduino (in collaboration with local company XMaker)

**NeoFuture** - Online Video Channel Facing K-12 Computer Science Education

Nov. 2018 – Present

*Co-founder, President* 5 hr/wk, 25 wk/yr

- Founded the NeoFuture online video education platform to bring elementary computer science knowledge to lesser-resourced regions that previously have little access to CS knowledge
- Lectured video episodes with topics in Computer Science history, Artificial Intelligence, Cybersecurity, Internet, etc
- Gained 30k+ views on Tencent Video channel and 200+ daily active users
- Developed the official website [www.neofuture.tech](http://www.neofuture.tech) and WeChat Mini-Program (mobile app) of NeoFuture to provide better video viewing user experience and to support fast video streaming service

**Codewars** - Online Coding Challenges Platform

Jan. 2018 – Present

*Solver, Participant* 0.5 hr/d

- Solved, contributed and authored Kata actively (one of the major contributors of the community)
- Ranked #199 out of 200,000+ developers worldwide

**Project Euler** - Platform to Solve Math Problems Using Programming

Jan. 2018 – Present

*Solver, Participant* 0.5 hr/d

- Solved Project Euler mathematics problems daily using Java programming language
- Ranked #47 nationwide (top 0.099% out of 900,000+ users worldwide)

**Open-Source Contributions** on GitHub, the Community of Developers to Build and Share Open-Source Projects Jan. 2018 – Present

*Open-Source Contributor* 2 hr/d

- Owned 20+ personal open-source projects (including but not limited to Android apps, website source code, third party plugins, binary libraries, etc) with 1000+ contributions (commits) and 10+ programming languages (including but not limited to Java/C/Python/Javascript/Kotlin/Agda)
- Contributed to 30+ open-source repositories with Issues (bug report) and Pull Requests (bug fix)

**Carnegie Mellon University Pre-College AP/EA Program** Jun. 2019 – Aug. 2019

*Student*

- Courses: 15-122 Principles of Imperative Computation and 21-127 Concepts of Mathematics
- Earned 20 university credits at CMU, approximately 8 credits/hours in other institutions.

**Great Internet Mersenne Prime Search (GIMPS)** - a Collaborative Project of Volunteers to Search for Mersenne Prime Numbers Jan. 2019 – Present

*Volunteer*

- Volunteered to work on Great Internet Mersenne Prime Search to find mersenne prime numbers
- Proved and verified M88499863 and nine other numbers in Mersenne prime form for being non-prime numbers

**2018 MIT Solve** May 2018 – Jun. 2018

*Participant, Main Contributor of the team* 5 hr/wk for 2 months

- Developed a wetland park solution to address problems of salinization of soil in coastal cities, specifically targeting Jinzhou, China
- Delivered pitch speeches to introduce and promote our wetland park solution
- Won the first prize in MIT Solveathon with 3 other team members

**Second Prize in National Olympiad in Informatics in Provinces (NOIP)** Dec. 2016

## ♡ DEBATE AND PERFORMING ARTS ACTIVITIES AND AWARDS

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**Broadcasting Station of Chengdu Shude Experimental Middle School** Sep. 2016 – Jun. 2017

*Head of the Broadcasting Station* 0.5 hr/d

- Led a team of 10+ broadcasters to provide everyday noon news to all students and faculties on campus
- Lectured to tutor lowerclassmen to perform traditional Chinese recitation performance and to be event host
- Hosted 10+ school events and performed recitation 5+ times (9th grade exclusively)

**Host and Recitation Performer in Chengdu No.7 High School** Sep. 2017 – Present

*Host, Recitation Performer*

- Hosted 3+ large-scale school events including Chengdu No.7 High School Educational Webinars, School Opening Ceremony, etc
- Composed and Performed 5+ recitation performances both in school and on behalf of school
- Led a team of 12 to perform recitation in the Traditional Chinese Recitation Performance Show held by Chengdu No.7 High School

**National First Prize on The 4th National High School Recitation Conference** Nov. 2017

*Main Performer, Composer*

- Performed the originally composed Chinese recitation with 3 other performers with the topic of traditional culture of Sichuan and won the national first prize

**Public Forum Debate Tournaments** Mar. 2018 – Aug. 2018

*Debater*

- Attended National High School Debate League of China (NHSDLC) regional and national debate tournaments and brought team to Quarterfinal and Octofinal
- Won personal 2nd speak award and 8th speak award respectively in two tournaments

**First prize winner in the 7th Chengdu Picture Yourself in Perth Contest** Feb. 2018

*Contester, Ambassador*

- Represented the Foreign affairs office of the government of Chengdu to visit Perth, Australia, sister city of Chengdu, on academic and educational purposes
- Exchanged ideology of education systems with the mayor of Perth and the dean of The University of Western Australia, and proposed educational collaboration between cities