

# LEON LEI

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## EDUCATION

- Brown University** (Computer Science) Providence, RI 2016 - 2020
- **GPA:** 3.88 (Department) / 3.73 (Cumulative)
  - **Courses:** Software Engineering, Creating Modern Web Apps, Artificial Intelligence, Computer Systems, Collaborative Robotics, Coding the Matrix, Accelerated Intro to CS, Discrete Structures & Probability, Statistical Inference I, Honors Multivariable Calculus, Designing Internet Marketplaces, Intermediate Microeconomics (Mathematical), Principles of Economics, Philosophy-Consciousness, Intro to Cognitive Neuroscience, English 1030A, Computers & Music, Studio Foundation
- Clarkstown South High School** West Nyack, NY 2012 - 2016
- **GPA:** 4.49 | **SAT:** 2390 | **SAT Math II:** 800, **Biology E:** 770 | 13 **AP** Courses

## SKILLS

- **Programming:** Java, Python, C, C++, C#, R, MATLAB, HTML/CSS/JS, Node/React, SQL, MongoDB
- **Technologies:** Windows, Linux/Unix, Eclipse, Unity, Apache Maven/Spark, RStudio, Android Studio

## EXPERIENCE

- Research Intern** University of Miami Coral Gables, FL 05/2017 - 07/2017
- Played a key role in the lab's research activities, contributed to a deeper understanding of the data, produced novel methods of analysis/visualization, influenced direction of the project's development
  - Poster: [goo.gl/25aZvG](http://goo.gl/25aZvG) | Code: [github.com/leibo123/social-networks](https://github.com/leibo123/social-networks)
- Tech Support Assistant** Point Tech Computer Inc. New York, NY 06/2015 - 08/2015
- Installed and configured computer hardware and software, backed up and transferred data and files, removed viruses, performed troubleshooting, provided support for database, network and internet
- Teaching Assistant** Huaxia Chinese School White Plains, NY 09/2012 - 06/2016
- Facilitated and improved the learning process for Go, Origami, and Chinese Language classes
- Summer Lifeguard** Town of Clarkstown Congers, NY 2015, 2016
- Acted in a professional manner and performed various pool maintenance and job-related duties
- Summer Camp Counselor** BAUS-CYM Carmel, NY 2014, 2015, 2016
- Supervised campers, coordinated activities, served as an English-Mandarin Chinese translator

## LEADERSHIP/ACTIVITIES

- Programmer in Brown-RISD Game Developers (2017-present)
- Staff Writer for Post- Magazine (2017-present)
- Treasurer of Brown Go Association (2017-present)
- Brown Learning Exchange Facilitator (2017-present)
- Violinist in Brown Chamber Orchestra (2016-present)
- Participant in Hack@Brown (2017, 2018)
- Founder and coordinator of high school's American Computer Science League team (2015-2016)
- President of Mu Alpha Theta and treasurer of National Honor Society (2015-2016)
- Founder and president of high school's Go Club (2014-2016)
- Publisher and subsequently editor-in-chief of the high school newspaper, *Viking Voice* (2014-2016)
- Conducted independent science research and submitted to Siemens Comp. and Intel STS (2015)
- Columbia University Science Honors Program (2014-2016)

## HONORS/AWARDS

- Mu Alpha Theta (Math Honor Society) Scholarship (2016)
- National Merit Scholarship Finalist (2016)
- NYC Math Fair Gold Medalist: research paper on *Origami and Mathematics* (2015)
- 2<sup>nd</sup> place in WACA's Outstanding Student Leadership and Community Service Award (2015)
- OCA's Student Leadership Award (2015)
- American Go Foundation College Scholarship (2014)
- Research paper *Go and Mathematics* published online by the American Go Foundation (2014)