Boyang Li

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EDUCATION

University of California, Berkeley, College of Letters and Science **Berkeley, CA**
- Bachelor of Art in Computer Science — Aug 2019 - May 2023
- Bachelor of Art in Applied Math — GPA: N/A
- Coursework includes structure and interpretation of computer programs, data structures, linear algebra, discrete math and probabilities, multivariable calculus, designing information devices and systems, robot manufacture, and robot motion planning.

EXPERIENCE

Pioneers in Engineering **Berkeley, CA**
Software Developer Aug 2019 – Present
- Co-develop and maintain the existing system on robots for the competition
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Cal Robobears **Berkeley, CA**
Member Aug 2019 – Present
- Create 3-pounds battle robots to compete in the annual battlebot competition hosed by Cal Robobears
- Use Fusion 360 to create the CAD components for the robot, then use the assembly feature to simulate the robot and to get important information of the robot, such as weight, material, and the movement of the joints

Berkeley CSSA **Berkeley, CA**
Member of the Dept. of Public Relations Aug 2019 – Present
- Reached out to local businesses for various sponsorships during events, such as catering, clothing, and monetary support
- Cooperated with local restaurants to sell "VIP Card" with discounts as a form of promotion

The Steel Dragons **Pittsburgh, PA**
Captain Aug 2017 – June 2019
- Led to design and build robots to compete in the annual First Robotics Competition. Also outreached to local companies such as Google and Hampshire Mechanics for sponsorships, successfully raised over $5,000 for the season
- Qualified for alliance captain and ranked 3rd regionally for the first time in the history of the team since its founding in 1998

Allderdice Charity Club **Pittsburgh, PA**
President Aug 2018 – May 2019
- Organize over 30 non-profit educational sessions with the support from Carnegie Library of Pittsburgh
- Raised over $500 for activity fund from the local companies such as Giant Eagle.

Asian Student Union **Pittsburgh, PA**
Vice President Aug 2018 – May 2019
- Co-founded the first student organization for Asian students to voice their rights
- Successfully held food sells, cultural shows to promote the awareness of Asian cultures

PROJECTS

Space Invader Game *October 2019*
- Personal gaming project as a replication of the famous space invader game. Written in Python with the turtle module.
- Github link: github.com/lithium-by/Space-Invader

ADDITIONAL SKILLS AND INTERESTS

Language Skills: Fluent in speaking/writing/reading in English and Chinese, can speak/write/read in French
Programming Languages: Programming in Python, Java, and C
Standardized Tests: 1560 on SAT (Reading 760, Math 800), 800 on SAT Physics and Math subject tests
Advance Placement Tests: 5 on Calculus BC, Physics C Mechanics, Statistics, and Microeconomics; 4 on U.S. History, English Language & Composition, and Physics C Magnetism. Received AP Scholar with Honor and AP Scholar with Distinction in 2017 & 2018, respectively
Fencing: I was the captain of JV fencing team in high school; I am currently a foilist of Cal Fencing Club
Education: I tutored over 5 students back in high school on AP Calculus and Physics and helped then to score 4s and 5s on the AP exam. I also served as a tutor in the summer of 2019 to teach children English back in China