

# Peter Zhang

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## Education

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- University of California, Berkeley** Berkeley, CA Class of 2024  
*Computer Science BA; Expected 4.00 GPA*  
– Coursework: CS 61A, EECS 16A, L&S W1
- Montgomery Blair High School** Silver Spring, MD Class of 2020  
*Science, Mathematics and Computer Science Magnet Program; 3.95 GPA*  
– Coursework: Complex Analysis, Analysis of Algorithms, Software Development, Artificial Intelligence  
– Activities: Debate Team, Computer Team, DECA, Chamber Choir

## Experience

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- Assistant Debate Coach** Aug 2020–Present  
*The Bronx High School of Science; Bronx, NY; Timothy Huth, Director*  
– Lead lectures and drills at weekly afterschool practices  
– Mentor and assist students at monthly debate tournaments
- Product Manager** Dec 2018–Present  
*Premier Debate Institute, Los Angeles, CA; Bob Overing, Director*  
– Oversee publication of topic research briefings used by thousands of debaters  
– Maintain and design webpages at premierdebate.com
- Lab Leader** Jun 2020  
*War Room Debate; Austin, TX; Aimun Khan, Director*  
– Prepared materials and demos for a Lincoln-Douglas debate curriculum  
– Led lab of 15 students for two weeks of daily drills and practice debates
- Organizer** Nov 2019  
*mBIT; Silver Spring, MD*  
– Fundraised \$1k through grants for regional programming competition  
– Helped coordinate 100+ students during the 6-hour competition
- NLP Intern** Jun 2019–Sept 2019  
*National Institute of Standards and Technology; Gaithersburg, MD; Dr. Talapady Bhat*  
– Automated the download of scientific articles and preprocessing of sentences in Python  
– Designed a rule-based algorithm to construct subject-predicate-object triplets  
– Improved topic modeling and document clustering with root-and-rule terms in NLTK library

## Skills

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- Interpersonal**  
– Instruction, public speaking, communication, time management, adaptability
- Technical**  
– Languages: Java, Python/Jupyter, R w/ Shiny, PHP/SQL,  $\text{\LaTeX}$   
– Tools: Git, Eclipse/IntelliJ/VS Code, Maven, WordPress

## Awards

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- National Speech and Debate Tournament; 6th Speaker Jun 2020  
USA Computing Olympiad; Platinum Division Apr 2020  
American Regions Mathematics League; Division A, 8th Place Jun 2019  
International Mathematics Modeling Challenge; Finalist Apr 2019