

# Peter Zhang

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## Education

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<b>University of California, Berkeley</b> Berkeley, CA	Class of 2024
<i>Economics and Computer Science BA; 4.00 GPA</i>	
– Coursework: CS 61A, EECS 16A, L&S W1	
<b>Montgomery Blair High School</b> Silver Spring, MD	Class of 2020
<i>Science, Mathematics and Computer Science Magnet Program; 3.95 GPA</i>	
– Coursework: AP Micro/Macro, Applied Stats, Complex Analysis, Software	
– Activities: Debate Team, Computer Team, DECA, Chamber Choir	

## Experience

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<b>Assistant Debate Coach</b>	Aug 2020–Present
<i>The Bronx High School of Science; Bronx, NY; Timothy Huth, Director</i>	
– Lead afterschool practices twice a week to refine Lincoln-Douglas debate skills	
– Advise students on strategy at national debate tournaments each month	
<b>Research Intern</b>	May 2020–Present
<i>National Institute of Standards and Technology; Dr. Jennifer Helgeson, Supervisor</i>	
– Review and annotate 50+ cost-benefit analyses of resiliency projects	
– Publishing case study for valuing the co-benefits of wildfire-resistant infrastructure	
<b>Product Manager</b>	Dec 2018–Present
<i>Premier Debate America, Los Angeles, CA; Bob Overing, Director</i>	
– Lead publication of 100+ pages of topic research monthly for thousands of debaters	
– Design and maintain Wordpress webpages at premierdebate.com	
<b>Research Assistant</b>	Jul 2019–Apr 2020
<i>National Cancer Institute; Dr. Yingdong Zhao, Project Lead</i>	
– Scraped and reformatted the NCI database of 1 billion+ gene expression datapoints	
– Designed R Shiny software for interactive plotting and regression/correlation analysis	
<b>Summer Intern</b>	Jun 2019–Aug 2019
<i>National Institute of Standards and Technology; Dr. TN Bhat, Mentor</i>	
– Automated the download of scientific articles and preprocessing of sentences	
– Designed a rule-based algorithm to construct subject-predicate-object triplets	
– Improved topic modeling and document clustering with root-and-rule terms	

## Skills

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### Interpersonal

- Writing, Public Speaking, Time Management, Adaptability
- Languages: Chinese (Proficient), Spanish (Limited)

### Technical

- Programming: Python/Jupyter, R w/ Shiny, Java, PHP/SQL, L<sup>A</sup>T<sub>E</sub>X
- Tools/Frameworks: Git, Eclipse/IntelliJ/VS Code, Maven, WordPress

## Awards

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The Leadership Award	Jul 2020
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