Peter Zhang

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Education

University of California, Berkeley Berkeley, CA   Class of 2024
Computer Science BA; 4.00 GPA
– Coursework: CS61A, EECS16A

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, Programming Club, DECA, Chamber Choir

Experience

Assistant Debate Coach   Aug 2020–Present
The Bronx High School of Sicence; Dr. Timothy Huth, Director
– Lead lectures and dirlls at weekly afterschool practices
– Mentor and assist students at monthly debate tournaments

Product Manager   Dec 2018–Present
Premier Debate Institute, Los Angeles; 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

Data Visualization Intern   Jul 2019–Mar 2020
National Cancer Institute; Dr. Yingdong Zhao
– Scraped and reformatted 1 billion+ datapoints with Python
– Designed R Shiny interface for interactive plotting and statistical analyses

NLP Intern   Jun 2019–Sept 2019
National Institute of Standards and Technology; Dr. TN 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

Interpersonal
– Instruction, public speaking, communication,
– Time management, adaptability

Technical
– Langauges: Java, Python/Jupyter, R w/ Shiny, PHP/SQL, LaTeX
– Tools: Git, Eclipse/IntelliJ/VS Code, Maven, WordPress

Awards

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