

# Eric Zhu

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## Education

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- ❖ **Georgia Institute of Technology**, Atlanta, GA
  - B.S. in Computer Science and Mathematics, 4.00 GPA
  - Expected Graduation Date: May 2021
- ❖ International Baccalaureate Diploma Graduate, Class of 2017

## Skills/Abilities

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- ❖ Proficient in C#, Java, Python, Haskell, Matlab, LaTeX, and Mathematica
- ❖ Excellent mastery of many computer science algorithms and data structures
- ❖ Solid knowledge of machine learning algorithms and data analysis

## Work Experience

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- ❖ Undergraduate Teaching Assistant for the School of Mathematics August 2018 - Present
  - Led a recitation class for other undergraduate students
- ❖ Sturtevant's Tennis Shop, Bellevue, January 2016 - Present
  - Strung tennis racquets, served as a cashier, and worked in customer service
- ❖ Teacher for Junior Circle 1 at Prime Factor Math Circle September 2016 - June 2017
  - Taught third and fourth graders mathematical reasoning and problem solving skills

## Extracurricular Awards & Recognition

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- ❖ College Student Membership
  - Vice President of Club Math
  - Programming Team
  - Big O: Theory Club (Programming Theory Club)
  - Club Tennis
- ❖ Mathematics
  - Top 0.1% in the US on American Mathematics Competition 10A 2015
  - Scored a 6/15 on American Invitational Mathematics Examination I 2017
  - Honorable Mention – Moody's Mega Math Challenge 2017
  - Self Studied Textbooks
    - A Classical Introduction to Modern Number Theory by Ireland and Rosen
    - Basic Category Theory by Tom Leinster
    - Complex Analysis by Stein and Shakarchi
- ❖ Computer Science
  - Produced bioinformatics algorithms to aid fellow students in independent research
  - Created a machine learning application to help doctors monitor ALS patients
  - Solved over one hundred questions on Project Euler and competed in ACM-ICPC
  - Regularly do Codeforces contests <http://codeforces.com/profile/Zopherus>
  - See sample projects here: <https://github.com/Zopherus>