

# Emily Yue

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## EDUCATION

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**The University of Texas at Austin**, Austin, TX *August 2020 - May 2024*  
*Bachelor of Science in Computer Science (Turing Scholars Honors)*  
Relevant Coursework: Data Structures (*Honors*), Discrete Math (*Honors*), Computer Architecture (*Honors*)

**Liberal Arts and Science Academy (LASA)**, Austin, TX *August 2016 – May 2020*  
Relevant Coursework: AP Computer Science, Advanced Computer Science, Digital Electronics, Computational Problem Solving, AP Stats, Linear Algebra, Multi-variable Calculus

## EXPERIENCE

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**Austin Great Wall Chinese School**, Austin, TX *July 2020 - Present*  
*Programmer Instructor*

- Taught Python to 100 middle school students two times a week during the summer of 2020
- Teaching Python to a class of 15 students once per week currently
- Developed a Python curriculum to teach students
  - Created presentations, homework, and coding projects for curriculum
- Taught through lectures and self-created hands-on projects

**Transmetric America Inc.**, Austin, TX *June 2019 – March 2020*  
*Software Engineering Intern*

- Designed a web app for traffic counting (Used HTML/CSS/JavaScript)
  - Web app development includes building web pages for a mobile device.
  - In charge of coding UI, front-end of app, and new app features
- Tested for bugs in their software (Java)
- Created help documentation for software (Dita XML)

## ACTIVITIES & LEADERSHIP

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**Women in Computer Science (LASA)**, Austin, Texas *Aug 2018 – May 2020*  
*President*

- Hosted weekly meetings
  - Created presentations, taught technical workshops, and organized events
- Invited technology speakers and worked with women in the tech industry
- Organized a Hackathon
  - talked to sponsors, connected with women in industry, organized event logistics
- Created content for events such as coding workshops, Capture the Flag (CTF) activities, and AP review

**AFA Cyberpatriot Team Participant**, Austin, Texas *Jan 2019 – Dec 2020*  
*Member*

- Cybersecurity competition: secured computers, learned about security measures, etc.

## SKILLS

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**Programming Languages Proficient In:** Java, C++, Python, HTML, CSS, JavaScript, C

**Programming Languages Familiar In:** R, Assembly, React

**Tools:** LaTeX, Git, CMD

## HONORS AND AWARDS

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- NCWIT Award for Aspirations in Computing, Texas: Austin Affiliate Honorable Mention *2019*
- 2<sup>nd</sup> Place Team Award for AFA Cyberpatriots in Texas *2019*
- 1st Place Team Award for Beginners Category at HackTX; 2nd Place in Google Category at HackTX *2020*
- 3rd Place Team Award Overall at WiCSHacks *2021*