

# RYAN CHHONG



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## Education

University of Texas at Austin [2019 - 2023] Austin, TX  
*Major: Computer Science*  
GPA: N/A

Texas Academy of Mathematics and Science [2017-2019] Denton, TX  
*GPA: 4.0/4.0*  
*University of North Texas Dean's List*

## Research

**University of North Texas HiLT Lab** Sep. 2017 - Nov. 2017

- Worked on various machine learning projects
- Researched potential ways to optimize identification of objects from images

## Skills

C++  
Python 3  
Java  
JavaScript (ECMAScript) - ReactJS, MeteorJS, NodeJS, ExpressJS  
HTML/CSS  
MongoDB

## Projects

Donations Tracker (<https://github.com/InfernalHydra/DonationsWebsite>)

- Built and maintained website to track donations for Aid the Cause, a charity event
- Used MongoDB, MeteorJS, and ReactJS

GoPerform (<https://github.com/InfernalHydra/GoPerform>)

- Built for SXSW Hackathon 2019
- Used React Native, ExpressJS, NodeJS, and MongoDB

## Leadership

Computer Science Organization 2018 - 2019  
*Competitions Coordinator*  
Managed a competitive programming team and taught algorithm classes to develop skills for competitions, such as Codewars and USACO

Forward Tutoring 2018 - 2019  
*Software Engineer*  
Maintained the Forward Tutoring website, a nonprofit organization whose mission is to provide free tutoring for all. Made numerous improvements to the administrative managing tools and the backend.

## Experience

UIL Computer Science 2015 - 2017  
Robotics 2015 - 2017

- Led classes in C# and built various robots using Arduinos

CodEd 2017 - 2019

- Taught middle schoolers the basics of programming, Scratch, and C++

Teach and Learn Tutor 2018 - 2019

- Volunteered as a tutor for Computer Science, Calculus I and II, and General Chemistry

## Awards

USACO Silver Division 2017 - 2019  
HP CodeWars 6th Place 2018  
Lockheed Martin CodeQuest 1st Place Advanced Division (Coach) 2019