

# Haicheng Charles ZHAO

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## AWARDS AND ACHIEVEMENTS

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- MAR. 2016 **1st Place in IDT Programming Contest**  
Worked with a team in this contest held by Innovative Defense Technologies (IDT). Teams had to provide IDT, the "customer," with a robust package tracking solution. Won \$1500 for school and received tablets for winning 1st place.
- FEB. 2016 **Best Website at HackTJ 2016**  
Worked with team of four to develop website. Selected best website out of 120 teams.
- MAR. 2015 **1st Place in Radford CTF**  
Organized a team in this computer security competition hosted by Radford University.
- DEC. 2016 **4th Place in UVA High School Programming Contest**  
Worked with a team of three in this algorithms contest hosted by the University of Virginia. Won fourth place out of more than 100 teams.

## WORK AND VOLUNTEER EXPERIENCE

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- 2015-Present **Student Systems Administrator**  
Help set up and maintain school's servers as well as perform other technology-related tasks. Specifically, help develop and maintain the TJ Intranet, Ion: [ion.tjhsst.edu](http://ion.tjhsst.edu)
- 2015-Present **Project CODEt Executive Team Member and Head of Mobile Labs**  
Organization aims to expose elementary and middle school students to Computer Science early on by hosting workshops and other events. As a member of the executive team, I help decide what directions the organization takes to impact the most students. The Mobile Labs initiative is one of our attempts to spread CS to disadvantaged areas.
- 2012 - Present **Neighborhood Swim Team Coach**  
Coach neighborhood swim team year-round.

## ACADEMIC AND EXTRACURRICULAR ACTIVITIES

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- 2016-Present **Senior Computer Team Co-Captain**  
Write and give weekly lectures as well as hold contests and select teams to participate in competitions. This is my school's most advanced computer team.
- 2015-2016 **Intermediate Computer Team Captain**  
Wrote and gave lectures every other week as well as assigned lectures to other officers for weekly meetings. Took care of logistical tasks such as creating selection processes for choosing members to participate in competitions.
- Summer 2016 **MIT Lincoln Laboratory Beaver Works Summer Institute**  
Selected by Artificial Intelligence teacher (Dr. Peter Gabor) as the male representative of my school to participate in this new program at MIT concerning autonomous vehicles. Four-week free summer program where we worked with faculty and students in teams to learn about and program mini autonomous cars.
- Summer 2014 **Camp Rising Sun**  
Full-scholarship, seven-week international camp established in 1930 promoting leadership and service. Planned and led project to construct a sundial, which became a symbol for the camp.