

Jess DeJong

534 Newberry Dr, Richardson, TX 75080

Email: jessdejong843@gmail.com • Phone: 972-231-7431 • Github: <https://github.com/jessdejong>

EDUCATION

Richardson High School

August 2015 - Present

Senior | Richardson, TX

Computer Science Coursework: AP* Computer Science, AP Computer Science Principles, Advanced Problem Solving @ UTD (2 week camp), Android App Development @ UTD (2 week camp). *Advanced placement

SELECTED PROJECTS

Simply Aware

April 2017; continued August - September 2017

5 person team | Android App & Website

- Mapped symptoms throughout the globe to increase awareness on the spread of certain diseases
- Android app made in Java with the Android SDK; Website made with Javascript, HTML, and CSS. I mainly contributed to developing the Android app
- Won 2nd place at Earthack/HackDFW 2017, with 500+ competitors. My team (composed of high school students) was the only non-college team in the top 7
- Received 3rd place for State Farm's sponsored award
- Presented "Simply Aware" to Texas Legislators at the Texas Capitol for "Hour of Code" on December 4th, 2017

Autonomous Racing Car

February - March 2017

5 person team | Robotics

- Built and programmed a NXP Cup racecar using Matlab Simulink to complete random race tracks
- Learned about the many different aspects of a hardware project and how to bring them all together
- Competed in the High School Autonomous Vehicle Competition at the Rose-Hulman Institute of Technology in Indiana—received 1st place overall

@HourlyBTCprices Twitter Bot

January 2018

Raspberry pi & python twitter api | twitter.com/HourlyBTCprices

- Programmed a twitter bot to tweet the price of bitcoin (BTC) every hour
- Programmed in python and automated on a raspberry pi

BirdWatch

February 2018

5 person team | Website

- Used IBM Watson natural language processing and twitter api to search twitter for negative content
- Helped to program Flask backend and implement IBM Watson in python
- Competed in Hack the Bully 2018 winning 1000 dollars for third place

SKILLS & INTERESTS

- **Languages/technologies:** Familiar with Java; previously used Python, Javascript, HTML, CSS. Familiar with Git and Android SDK.
- **Activities:** Programming, Hackathons, Tennis, Basketball, Unicycling & Juggling
- **Organizations and Clubs:** Math and Science Club, Computer Science Club, CyberPatriots Club (Cybersecurity), Mu Alpha Theta Honor Society (Math), National Honor Society, Speech and Debate, Student Council.

HONORS & AWARDS

- **Earthacks/HackDFW 2017 2nd Place** — Awarded 2nd place in the largest hackathon in Texas.
- **Hack the Bully 2018 3rd Place** — Awarded third place for a website that searches twitter for negative content
- **CyberPatriots Semifinals 2017** — Made it to the regional round for a national cybersecurity competition
- **Autonomous Car Challenge 2017 1st Place** — Awarded 1st overall for the quickest NXP racecar to complete various random tracks at the Rose-Hulman Institute of Technology.
- **High School Programming Competitions (Java)** — 1st place Plano East High School Computer Science Competition (January 2018); 1st place Princeton High School Computer Science Competition (January 2018); 4th place Seven Lakes Programming Contest (October 2017); 4th place Plano Senior High School Programming Contest (January 2017); 3rd place Plano West High School Programming Contest (February 2016); 3rd place Southlake Carroll Invitational (December 2015).
- **High School Debate Competitions** — 1st Place at Sachse High School Debate Tournament for partner debate (October 2017); 3rd Place at Coppell High School Debate Tournament for partner debate (January 2018).