

# Jason Perez

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## EDUCATION

<b>Carnegie Mellon University</b>	GPA: 3.57
Bachelor of Science in Information Systems, Intended Minor in Computer Science	
<b>Judson Early College Academy</b>	GPA: 4.1
Texas Distinguished Achievement Program	
Accelerated Math Program – Pre Cal to Calculus II	
<b>Northeast Lakeview College</b>	GPA: 3.9
Associate Degree in Liberal Arts	

## WORK EXPERIENCE

2019	<b>Whataburger, Team Member</b>
	-Fulfilled various roles to meet the daily needs of the restaurant

## SKILLS

**Programming Languages:** Python, Javascript, Java

**Computer Programs:** Git, Android Studio

## ACADEMIC ACHIEVEMENTS AND MEMBERSHIPS

### Google Computer Science Summer Institute (July 2020)

- 4-week introduction to CS with JavaScript, specifically with the p5.js library, that culminated into a final project
- Developed “New Asteroids”, a remix of the classic Asteroids game, with a partner
- Worked on game design and physics

### Trinity University SoHacks 6 – Participant (August 2019)

- Designed a multiplatform graphing calculator using Python and Kivy API
- Best Intermediate Hack Winner
- Attended debugging workshops to develop skills

### MIT Online Science, Technology, and Engineering Community (MOSTEC) (June – December 2019)

- Completed two online courses with a final project presented at MIT’s campus
- Enrolled in Mobile App Development course and programmed a collaborative group project that kept track of medications with an easy to use interface for the elderly
- Enrolled in Science Writing course which focused on the importance of making scientific information easily understood by the general public and wrote a research article

### MOSTEC Best Science Writing Article (August 2019)

- Authored an article about the implementation of AI in video game development and its impact on the video game industry
- Investigated the evolution of AI and its use in video game development
- Interviewed a scientist and game developer regarding his work in AI and its applications to video game creation

## Extracurricular Activities

### Robotics Club – FIRST Tech Challenge (2016 - 2020)

- Lead Programmer: Coordinated the development of autonomous and user-controlled programs that maximized score during competition
- Utilized Java and Android Studio to develop the robot controller app
- Performed STEM outreach to nearby schools to increase interest in STEM through interactive activities

### Young Achievers (2015 - 2020)

- Program focused on preparing eighth graders for high school and the college admissions process
- Became a mentor after completing the program
- Provided resources for rising seniors to facilitate college application process

### Engineering Club (2016-2018)

- Competed in Texas A&M’s SPARK Future Engineers conference
- Contributed to the development and design of a hydraulic arm
- Organized the project timeline for a Stirling engine making and documented progress

## Awards

2021	Fall 2020 CMU Dietrich College Dean’s List with Honors
2019	College Board – National Hispanic Scholar
2019	SoHacks 6 – Best Intermediate Hack Winner
2019	FIRST Tech Challenge – Inspire Award
2018	FIRST Tech Challenge – Think Award