

Zachary Stence

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Education

- **Bachelor of Science in Computer Science: Computer Engineering** San Marcos, TX
- **Bachelor of Science in Mathematics** 2016 - May 2020
Texas State University
 - Texas State GPA: 3.93 — Overall GPA: 3.94

Experience

- **Undergraduate Instructional Assistant** San Marcos, TX
Texas State University Department of Computer Science 2017 - Present
 - Work in various computer labs on campus 10 hours each week to help students use computers and printers, as well as tutoring students on introductory computer science courses.
- **Grader** San Marcos, TX
Texas State University Department of Computer Science 2017 - Present
 - Work for a CS professor grading C++ programming assignments, approximately 5 hours per week.
- **Tutor** San Marcos, TX
Collaborative Learning Center 2017 - Present
 - Tutor Texas State students on both basic and advanced STEM classes for 2 hours each week.
- **Volunteer** San Marcos, TX
Bobcat Build 2017
 - Participated in the second largest one-day community service event in the state of Texas. Assisted local homeowners by completing manual labor tasks.

Skills

	Software	Programming
Proficient:	Microsoft Office, Google Drive, Fusion 360	C++, L ^A T _E X, Linux
Working Knowledge:	SolidWorks, SketchUp, AutoCAD	Python, Java, TI-BASIC, R

Technical Projects

- **Android App Development** 2018 - Present
 - I am currently working in my free time to develop an android app that will serve as a scorecard during a game of disc golf. The app will have built in maps and keep score for a number of players across 18 holes.
- **Autonomous Car** 2017 - Present
 - As a member of the IEEE-CS club at Texas State, I am helping build a fully autonomous car from the ground up. This includes reconstructing an RC car with new servos and a Raspberry Pi to control it, as well as writing an API and machine learning algorithms to allow the car to steer itself around obstacles using a camera.

Honors, Awards, and Activities

- Alpha Chi National College Honor Society, member
- Dean's List Fall '16 - Fall '17
- NSF LSAMP Scholars Program, member 2017 - Present
- Texas State IEEE-CS, student chapter, officer 2017 - Present
- Texas State Honors College, member 2016 - Present
- Texas State Achievement Scholarship 2016 - Present
- Texas State Men's Ultimate Disc 2016 - Present
- STEM Living-Learning Community, member 2016 - 2017