

Zachary Stence

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Education

- **Bachelor of Science in Computer Science: Computer Engineering** San Marcos, TX
- **Bachelor of Science in Mathematics** Aug 2016 - Dec 2019
Texas State University
 - GPA: 3.93

Experience

- **Software Development Intern** Round Rock, TX
Emerson Automation Solutions Summer 2019
 - Working with the DevOps team to assist developer productivity and development of Emerson's premier distributed control system software, DeltaV.
 - Developed an ASP.NET Core website to host information useful to developers.
 - Wrote several programs to automatically collect metrics and information about the DeltaV codebase and publish it on the website in realtime.
- **Research Assistant** San Marcos, TX
Texas State University 2018 - 2019
 - Assist a professor in his research project by exploring new libraries, working with datasets, and using the Weka library to implement a text classification machine learning model to analyze sentiment of tweets.
- **Undergraduate Researcher** Dayton, OH
Wright State University Summer 2018
 - Researched the viability of using accelerometers on wearable devices to authenticate users because of the increased pervasiveness and lack of effective security techniques on wearables. Learned how to do research and how to interact with professionals in academia.
- **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 tutor students on computer science courses.

Skills and Coursework

Skills

C#, Jenkins CI,
Unit testing, Python,
Java, C++, Machine
learning, \LaTeX ,
Typing (90+ WPM)

Coursework

Operating Systems, Software Engineering, Software Engineering Project, Computer Architecture, Object Oriented Des. and Prog., Data Structures and Algorithms, Assembly Language, Digital Logic, Foundations of CS I and II, Discrete Mathematics I and II, Intro to Prob. and Stats., Analysis I, Linear Algebra, Calculus III, Differential Equations, Introduction to Advanced Mathematics, Modern Algebra

Honors, Awards, and Activities

- **Texas State IEEE-CS, student chapter, Vice President** 2018 - Present
- **Undergraduate Recognition for Academic Excellence** 2018
- **Phi Kappa Phi Honor Society, member** 2018 - Present
- **Alpha Chi National College Honor Society, member** 2018 - Present
- **NSF LSAMP Scholars Program, member** 2017 - Present
- **Texas State University Dean's List** Fall '16 - Spring '19
- **Texas State Achievement Scholarship** 2016 - Present
- **Texas State Honors College, member** 2016 - Present
- **Texas State Men's Ultimate Disc** 2016 - Present