

Zachary A. Smith

EDUCATION

University of Texas Austin, TX Undergrad mathematics and grad-level computer science courses	August 2019 – Present
Open Source Society University Online Computer science courses	January 2019 – Present
City Colleges of Chicago Chicago, IL Mathematics and physics courses - GPA: 4.0/4.0	January 2018 – December 2018
Michigan State University East Lansing, MI Bachelor of Arts, Accounting - GPA: 3.4/4.0	August 2012 – June 2017

EXPERIENCE

NASA Computer Science Intern NASA Langley Hampton, VA <ul style="list-style-type: none">Identify non-compliant public-facing Langley websites, and facilitate their migration to log server traffic on SplunkImproved Splunk public-facing web server compliance by 12%	January 2019 – May 2019
Database Manager and Web Designer Blockmaster Electronics Elk Grove, IL <ul style="list-style-type: none">Build and maintain a product database of over 20,000 unique part numbers, each with 30+ specs, with links to pictures and engineering drawingsCreate a consumer-focused company website and integrate the database so that it's filter-able and search engine optimized	April 2018 – July 2019
Tax Intern BDO USA, LLP San Francisco, CA <ul style="list-style-type: none">Worked on a team of 8 to complete the returns of a venture capital fund consisting of 50+ total entities while managing client expectationsModified company excel templates to improve efficiency, created new templates to manage hedge fund data, and led intern excel trainings to solve common first-year efficiency and data management problemsConducted tax research on international filing requirements	January 2017 – April 2017

Leadership / Extracurricular Activities

Unmanned Aerial Vehicle Team (Computer Vision) UT Austin Austin, TX <ul style="list-style-type: none">Led a group of three students on the computer vision team. Our goal was to locate and identify alphanumeric symbols and their degree of rotation from birds-eye-view images. We apply various machine-learning tools (YOLO v3, TensorFlow Hub) to self-generated data.Correctly identify 50% of data where there exists one symbol	August 2019 – Present
Musician Wiccit Austin, TX <ul style="list-style-type: none">Perform original music in the band Wiccit in venues around Austin	August 2019 – Present
NASA Community College Aerospace Scholar NASA Stennis Space Center Mississippi <ul style="list-style-type: none">Test engineer on a team of 10 students challenged to design an autonomous rover for a Mars retrieval simulation competition	June 2018 (1 week)
Activities Facilitator, English Language Villacarriedo Summer School Spain <ul style="list-style-type: none">Led and mentored native Spanish-speaking students with conversational EnglishCollaborated with school directors and counselors to create, plan, and organize indoor and outdoor activities for students	July 2015 (4 weeks)
Touring Cyclist Howland Bicycle Club <ul style="list-style-type: none">Led a month-long, 1200 mile bike adventure tour from the campus of Michigan State University to Sioux Falls, SD	May 2014 – June 2014