

Zachary A. Smith

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EDUCATION

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

EXPERIENCE

- NASA Computer Science Intern** January 2019 – May 2019
NASA Langley | Hampton, VA
- Identify non-compliant public-facing Langley websites, and facilitate their migration to log server traffic on Splunk
 - Improved Splunk public-facing web server compliance by 12%
- Database Manager and Web Designer** April 2018 – July 2019
Blockmaster Electronics | Elk Grove, IL
- Build and maintain a product database of over 20,000 unique part numbers, each with 30+ specs, with links to pictures and engineering drawings
 - Create a consumer-focused company website and integrate the database so that it's filter-able and search engine optimized
- Tax Intern** January 2017 – April 2017
BDO USA, LLP | San Francisco, CA
- Worked on a team of 8 to complete the returns of a venture capital fund consisting of 50+ total entities while managing client expectations
 - Modified 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 problems
 - Conducted tax research on international filing requirements

Leadership / Extracurricular Activities

- Unmanned Aerial Vehicle Team (Computer Vision)** August 2019 – Present
UT Austin | Austin, TX
- 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
- Musician** August 2019 – Present
Wiccit | Austin, TX
- Perform original music in the band Wiccit in venues around Austin
- NASA Community College Aerospace Scholar** June 2018 (1 week)
NASA Stennis Space Center | Mississippi
- Test engineer on a team of 10 students challenged to design an autonomous rover for a Mars retrieval simulation competition
- Activities Facilitator, English Language** July 2015 (4 weeks)
Villacarriedo Summer School | Spain
- Led and mentored native Spanish-speaking students with conversational English
 - Collaborated with school directors and counselors to create, plan, and organize indoor and outdoor activities for students
- Touring Cyclist** May 2014 – June 2014
Howland Bicycle Club
- Led a month-long, 1200 mile bike adventure tour from the campus of Michigan State University to Sioux Falls, SD