

# Alex Anderson

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Dallas, TX • Résumé current as of August 18, 2022

## Academics

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**Texas A&M University, College Station, TX** ..... 08/2019 - 05/2023  
Bachelor of Science in Electrical Engineering  
Minor in Computer Science  
GPA: 3.89

## Experience

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**Texas Instruments, Applications Engineering Intern** ..... 06/2022 - 08/2022  
High-Speed Signal Conditioning product line  
Provided support, review, and debugging for customer designs.  
Obtained lab measurements, compliance reports, and eye diagrams for redrivers, retimers, muxes.  
Created internally and externally published documentation over TI family of USB 2.0 redrivers.

**Group Testing Research, Undergraduate Research Assistant** ..... 02/2022 - 05/2022  
Performed pooling experiments in a laboratory setting using Salmonella Typh.  
Extensive simulation design in Python using packages including Scipy, Numpy, Matplotlib, Seaborn.

**Wallace Specialty Insurance Group, Assistant CSR** ..... 12/2018 - 08/2021  
Communicated directly with customers to solve unique problems.  
Educated and trained coworkers and new hires through workflows and tasks.  
Created unique workflows and reference materials to document daily tasks and processes.

## Skills

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<b>Software</b>	Cadence OrCAD/Allegro, LabVIEW, Linux, L <sup>A</sup> T <sub>E</sub> X
<b>Programming</b>	MATLAB, Python, C++ , Java, HTML/CSS/Javascript, Verilog
<b>Lab Tools</b>	Oscilloscope, Multimeter, Function Generator, Soldering

## Activities

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**Texas A&M Engineering Honors, Member** ..... 08/2019 - Present

**IEEE Texas A&M - TEC, Committee Member** ..... 08/2019 - 05/2020  
Assisted in planning and executing technical workshops to educate IEEE members on hard skills such as programming, circuit design, and microcontrollers.

## Honors

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**Dean's Honor Roll, College of Engineering** ..... 05/2020, 12/2020, 05/2022

**TAMUHack 2022, Best Novice Hack** ..... 01/2022  
<https://devpost.com/software/mymirror>

**McFadden Scholarship, Texas A&M University** ..... 08/2019  
4-year scholarship based on exceptional academic achievement, leadership, and extracurricular activities.

**Eagle Scout, Boy Scouts of America** ..... 12/2016  
Highest distinction in the Boy Scouts of America earned by directly demonstrating leadership, service, and knowledge in various categories.