

# Alex Anderson

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Dallas, TX • Résumé current as of July 2, 2022

## Objective

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Research or internship position in analog electronics to apply my technical skills, tackle unique design challenges, and further my knowledge and experience.

## Academics

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

## Experience

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**Texas Instruments, *Applications Engineering Intern*** ..... 06/2022 - 08/2022  
High Speed Signal Conditioning (HSSC) product line - USB, PCIe, HDMI, DP  
Provided support, review, and debugging for customer devices.  
Obtained lab measurements, data, and compliance reports for TI devices.  
Created documentation and collateral for TI devices and Evaluation Modules (EVMs).

**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>Programming</b>	Python, C++ , Java, HTML/CSS/Javascript, Verilog HDL
<b>Design Software</b>	LabView, SPICE, Cadence OrCAD
<b>Lab Skills</b>	Oscilloscope, Multimeter, Soldering, Breadboarding

## Activities

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

**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.

**TAMUHack 2022, *Best Novice Hack*** ..... 01/2022  
Worked collaboratively in a group to develop project *myMirror*, a smart mirror featuring Google Calendar integration and live weather data.  
<https://devpost.com/software/mymirror>

## Honors

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**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.

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

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