Alexander D. Anderson

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Dallas, TX • Résumé current as of April 20, 2022

Objective

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

Academics

Texas A&M University - College Station, TX ..... Expected 05/2023
Bachelor of Science - Electrical Engineering, GPA: 3.86
Minor in Computer Science

Experience

Department of Electrical Engr., TAMU, *Undergraduate Researcher* ... 02/2022 - Present
PI: Dr. Suresh Pillai, Co-PI: Dr. Krishna Narayanan
Developed unique pooling schemes using Group Testing theory in the context of food safety.
Performed pooling experiments in a laboratory setting using Salmonella Typh.
Extensive simulation design in Python using packages including Scipy and Numpy.

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

Skills

Programming	Python, C++ , Java, HTML/CSS/Javascript, Verilog HDL
Design Software	LabView, SPICE, Solidworks CAD, Altium
Lab Tools	Oscilloscope, Multimeter, Soldering, Breadboarding

Activities

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.
Managed team of students in planning and building a drone.

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

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