

## Drew DeHaven

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I am a sophomore looking for a summer internship. I possess strong communication, critical thinking, and problem-solving skills which I believe will make me a successful electrical engineer

### Education

Texas A&M University, College Station, TX

- GPA: 4.0, Honors
- Electrical Engineering Major with a Computer Science Minor, May 2022

### Experience

Arbin Instruments

March 2019-August 2019

*Software Engineering Intern* **Full Time**

- Designed, debugged, and enhanced software projects for client and company use, tested and calibrated Arbin battery testing units
- Gained experience in SQL Database management, .NET framework, and C# programming.

Texas A&M University, Department of Mathematics

September 2018-March 2019

*Software Development Intern* **Volunteer**

- Front-end web development of an online calculus textbook.
- Gained experience in working with HTML, CSS, JavaScript, NodeJS, and LaTeX.

University of Texas at Arlington, Department of Civil Engineering

July 2015 - August 2015

*Lab Research Assistant* **Volunteer**

- Assisted graduate students in gathering data on the properties of different soils and detecting the infiltration of ground water into different types of soils using electrical pulses

Chick-Fil-A, North Richland Hills, TX

May 2015 - August 2017

*Team Member* **Part-Time**

### Activities

Engineering Entrepreneurship Incubator

September 2019-Present

- Community of students looking to develop and create a start-up
- Founding member of BandShake, social networking hardware for career fairs and other expos

Student Engineering Council

September 2019-Present

- Member of legislation committee, in charge of getting feedback from the entire engineering community through surveys and presenting our results to the head of the department.

Aggies Invent

October 2018

- 1<sup>st</sup> Place team for October Challenge.
- Our team designed a solution to display data from a network using virtual reality, we had to design a prototype and pitch our idea to investors within a 48 hour time period.

Hackathons

August 2019- Present

- TAMUHack: Created Smart Fridge, an IoT application that orders more food when you run out
- Code Forces Challenge: Problem solving challenge with a focus on algorithm design.
- TAMU Datathon: Upcoming this October

Mathworks Math Modeling Challenge

February 2017 and February 2018

- Top 20 out of 900 teams from across the nation during 2018 challenge.
- Created a model from a given data set to analyze and solve a real world problem.

### Skills

- Computer Skills: Python, C++, C#, JavaScript, SQL, HTML, CSS
- Leadership Skills: communication, presentation, and team organization