

# Zachary Beall

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## WORK EXPERIENCE

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**Website Administrator/ [Texas Blockchain Council](https://texasblockchaincouncil.org/)** 08/2020 - Present

I analyze user needs and develop backend and front-end solutions using third party tools for <https://texasblockchaincouncil.org/>. I look for ways to improve existing systems.

**Systems Administrator / Dallas Baptist University** 05/2019 - 05/2020

I developed and maintained scripts using PowerShell and API calls. My scripts were hosted on Azure and automated administrator tasks for hundreds of students that would otherwise be performed manually.

## EDUCATION

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### **Dallas Baptist University**

Bachelor of Mathematics and Computer Science

August 2017 - May 2021

GPA: 3.8

### **Awards**

- Computer Science Honor Award
- Presidents List
- Dean's List (5 times)

## PROJECTS

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### **Dogecoin Millionaire Portfolio Tracker**

I built a web app using React and rapidapi.com to track @ProTheDoge's portfolio value.

### **Scheduling Web App**

I worked together with a software engineering team and participated in the software development process using Agile methodology. We built a scheduling web app with React for the front end, Node.js and an SQL database for the back end.

### **2000+ Word Audio Dictionary**

I developed a Tok Pisin English Audio Dictionary using Flutter. My app has 500+ users with zero dollars spent on advertising.

### **SSBU Image Recognition**

I built tools to collect quality training data using OpenCV and specialize hardware. I then used cascade classifiers to train models to detect patterns and interpret what is happening in game.

References available upon request.