# Zachary Beall

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## WORK EXPERIENCE

**Website Administrator / Texas Blockchain Council**                          08/2020 - Present
I analyze user needs and develop backend and front-end solutions using third party tools for https://texasblockchaincouncil.org/. I analyze areas of modification to improve existing systems.

**Systems Administrator /** Dallas Baptist University                          05/2019 - 05/2020
I developed and modified scripts using PowerShell and API calls. My scripts automated administrator tasks for hundreds of students that would otherwise be performed by hand.

**Math Tutor /** Dallas Baptist University                          05/2018 - Present
I tutor numerous college math subjects ranging from College Algebra to Calculus and Statistics. This requires strong analytical and communications skills.

## EDUCATION

**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)

## SKILLS

**SSBU Image Recognition**
I built tools to collect quality training data using OpenCV and specialize hardware. I then used cascade classifiers to train models that detect fighter moves.

**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 for the back end and an SQL database.

**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.

References available upon request.