

# Susana Cruz

## Computer Science Student

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📍 Dallas, TX

## PROJECTS

### Living Atlas

- 🔗 <https://livingatlas.netlify.app/> 📅 10/2021
- Built web application to answer a Biblical question with the aid of geographical storytelling using Mapbox
  - Set up continuous deployment from GitHub production branch using Netlify
  - Cast the team's vision onto the site using HTML5, CSS and JavaScript

### Ecosystem Simulating Game

- 🔗 <https://github.com/susccrua/Ecosystem> 📅 8/2021-Present
- Arranged project management using Unity Teams, Codecs, and Agile practices
  - Designed a game architecture that adapts multiple design patterns, including the MVC pattern, the Singleton pattern, and the Observer pattern
  - Wrote P2P connection scripts (created with the Photon Engine), and player-to-world interaction scripts

### Picture Web App

- 🔗 <https://picture-app-1cbee.web.app/posts> 📅 2/2021
- Developed app using React.js and Redux for users to upload pictures to a common web server
  - Used Firebase for deployment, authentication, and cloud database storage

## EXPERIENCE

### Database Programmer

- Dallas Baptist University** 📅 2019 - Ongoing 📍 Dallas, TX
- Adminstrating database account access for faculty and staff
  - Running SQL queries to analyze and process data to create online-access reports as requested by different university departments.

### Computer Science Teaching Assistant

- Dallas Baptist University** 📅 2019 - 2021 📍 Dallas, TX
- Supervised, instructed, and graded laboratory assignments for Introduction to Programming course using C++
  - Arranged immersive bash-scripting laboratories with a tutoring team for Computer Security and Operating Systems courses
  - Tutored students in person and remotely by appointment, improving availability during the pandemic

### IT Help Desk Technician

- Dallas Baptist University** 📅 2018 - 2019 📍 Dallas, TX
- Redesigned departmental SharePoint site to fit user experience needs and coordinated the migration project to SharePoint 2016
  - Troubleshoot IT issues for university faculty and staff members via email, phone, and in person
  - Reimaged and deployed over 300 domain computers along a Student Worker team as a part of the migration project to Windows 10 in a six-month period

## EDUCATION

B.S. in Computer Science  
**Dallas Baptist University** GPA  
📅 Aug 2018 – Dec 2022 **3.81 / 4.00**

## SKILLS

### Programming Languages

JavaScript C++ Java SQL  
C# UniQuery Python

### Technologies and Libraries

HTML5 CSS3 React.js Node.js Redux

### Software and Tools

Unity Adobe Creative Cloud  
Git Mapbox  
Blender Service Manager  
Active Directory

## AWARDS

#### #1 Project

- ★ T-Mobile AI Ops Hacksgiving  
"Automatic Routing" project using  
NLP and ML to route incident tickets  
11/2021

#### #1 Project in North America

- ★ Indigitous #HACK2021  
"Living Atlas" web application to  
answer Biblical questions  
10/2021

#### PMI Founders' Scholarship

- ★ Project Management Institute  
Fall 2021

#### Tuition Remission Scholarship

- ★ DBU Information Technology  
2021-2022

## CERTIFICATES

- 📄 **Agile Software Development**  
Coursera – March 31, 2021