

Benjamin Juan

(469) 478-6861 | bengjuan1234@gmail.com | github.com/bengjuan-507 | www.linkedin.com/in/bengjuan

Education

B.S. Computer Science

The University of Texas at Dallas

GPA: 3.625

Anticipated: May 2022

Organizations: Association for Computing Machinery, Institute of Electrical and Electronics Engineers, Artificial Intelligence Society

Courses: Computer Science (I & II), Computer Architecture, Discrete Mathematics, Probability and Statistics for CS, Programming C++ in a Unix Environment, Software Engineering, Digital Logic and Computer Design, Database Systems, Machine Learning

Awards: Jonsson School Academic Success Scholarship, Fall 2020 Deans List

Skills

Languages: Java, C++, Python, HTML/CSS, JavaScript, XML, R

Frameworks: React, Svelte

Tools: Git, Unix, Cloud Computing, Android Studio, Visual Studio, AWS

Projects

Android Paint App

April 2021 – May 2021

Java, XML, Android Studio

- Created an Android application that allows the user to paint strokes on the frame with different sizes and colors.
- Implemented an ArrayList to keep track of each stroke's color and allows the user to redo strokes by deleting from the last index.

Tutoring Upload Portal – IEEE Forge

February 2021- May 2021

Svelte, NodeJS, TypeScript

- Collaborated with an agile development team to create a dynamic website portal for tutors to upload notes for other students through CRUD functionalities.
- Utilized MERN stack concepts and IEEE API throughout the project timeline.

Integral Calculator

October 2019-November 2019

Java

- Created a simple program that reads in a text file of polynomial equations and returns the integral of the equation.
- Implemented a binary search tree to sort the terms through the exponents.

Experience

Developer in Artificial Intelligence Mentorship (AIM) – Artificial Intelligence Society

September 2021-Present

Python

- Worked on back-end development using Python to create a program that recognizes hand movement in video calls under the guidance of a 7-Eleven Machine Learning Engineer industry mentor
- Learned various AI/Machine Learning concepts such as neural networks, computer vision, and natural language processing
- Practice Agile software development while working with Git