

Keiser Dallas

Software Engineer

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Education

High School Diploma, C.E. Byrd High School, Shreveport, LA

August 2015 - May 2019

Bachelors of Science in Computer Science, Louisiana Tech University, Ruston, LA

September 2019 - November 2023

Technical Skills

Languages: Java, Python, SQL, C#, Kotlin, HTML5/CSS

Frameworks: Bootstrap CSS

Developer Tools: GitHub, Visual Studio, IntelliJ, Android Studio, Oracle VirtualBox, AWS Console, Unreal Engine 5, Blender, Anchor Point, MS Suite, Google Firebase Console

Projects

Auto-Aid | *Kotlin, Java, XML, SQL, Android Studio, SQLite, Google Firebase Console, Google Maps API*

An Android mobile application created in 2023 with a five person team. The app was designed with the intention to provide inexperienced drivers with a simple, accessible tool to help troubleshoot car issues. Our target audience was mostly women, high school students, and college students. Some of the notable features included: an account that keeps track of your personal vehicles through vin numbers, notifications to remind users about routine car maintenance, troubleshoot software to determine vehicle issues, recommendations to local, reliable auto-repair shops, and links to DIY videos. This app integrated other tools and API's that provided login authentication, database usage, geolocation tracking, etc.

MNIST Image Classification | *Java, IntelliJ IDE*

This program utilizes the MNIST database of human, hand-written digits to teach computer systems to recognize numbers. The architecture is a fully connected, feed-forward neural network that uses stochastic-gradient descent and back-propagation. Some of the impressive features are: uploading a previously trained network, seeing the digitized images as the network learns, viewing misclassified images, and saving a trained network.

GitHub: <https://github.com/KeiserDallas3205/Portfolio>