1511 17th Street East
Tuscaloosa, AL 35404

www.github.com/nghinton

(205) 861-5449
nghinton@crimson.ua.edu

www.nghinton.github.io/Portfolio-Website/

Nathan Hinton

EDUCATION

Tuscaloosa, AL	University of Alabama	August 2013 - May 2020

- **Major:** B.S. in Computer Science, May 2020.
- **Programming Coursework:** Algorithms and Data Structures; Operating Systems; Databases; Formal Languages and Machines; Network Security.

SOFTWARE PROJECTS

Personal Website: www.nghinton.github.io/Portfolio-Website/ (for additional information / projects)

Android Autonomous Messaging App

- Developed an Android application that would allow users to create and send SMS messages autonomously based on predefined rules based on time or location.
- Used the Room SQLite library to create local persistent storage that allowed users to save message drafts and view previously sent messages.
- Utilized – Android Studio, GIT, Java, Room SQLite Library, Gradle

C Language Data Structures / Algorithms Library

- Leveraged knowledge of data structures and algorithms to implement a personal library of sorting algorithms and commonly used data structures in C.
- Library includes lists, dynamic arrays, circular dynamic arrays, stacks, queues, hashmaps, binary trees, red / black trees, insertions sort, quick sort, merge sort, heap sort and radix sort.
- Utilized – Visual Studio Code, GIT, C, Make

SKILLS

Software: *(Working Knowledge)* C, C++, Java, Python, GIT *(Basic Knowledge)* SQL, HTML/CSS
Technology: Visual Studio, Visual Studio Code, Android Studio, Vim, GIT, Make