ANDREW LE

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EDUCATION

The University of Texas at Austin – Austin, TX   Expected: December 2021
Bachelor of Science in Computer Science   GPA: 3.10
Coursework: Intro to Programming, Discrete Math, Data Structures, Computer Architecture

SKILLS

- Proficient: Java, C
- Intermediate: Python, HTML, CSS, JavaScript, React

PROJECTS

CodePath Android University   October 2019 – November 2019
- Developed a series of Android apps using Java in Android Studio by creating feed views and populating them with data from the MovieDB and Twitter APIs, and a Parse backend for Instagram
- Implemented features such as composing and submitting posts and refreshing the feed
- Created layouts for each app activity/fragment and made UI adjustments

Clash Royale Trade Helper Bot   December 2018 – Present
- Collaborate on a Java Discord bot that web-scrapes from a real-time API for Clash Royale by accessing endpoints using HTTP requests, to show card quantities and facilitate communication on trades
- Register bot users in a MySQL database using Hibernate ORM, and store wish list files locally as JSON files
- Use data structures to implement new commands to view smart trade results by frequency of trade options, and a priority system to indicate most desired cards to accurately narrow down trade options
- Co-host a Discord server to actively help resolve issues and implement requested features
- Used in 85 Discord servers, with 500+ players registered and 400+ wish lists created

Huffman Coding   April 2019 – May 2019
- Created a Java program that performs Huffman coding and compresses/decompresses files of any type
- Developed a processor to read bits, store frequencies of characters in a priority queue, and create a tree for encodings to create the compressed file
- Allowed the compressed file header to be written in either standard count format (SCF) or standard tree format (STF), determining how the encodings are re-read when decompressing the file

WORK EXPERIENCE

Auntie Anne's – *Register;* San Antonio, TX   May 2018 – August 2018
- Main point of contact for all customer concerns, ensured customer satisfaction by addressing all questions and complaints about our products
- Handled all cash and credit transactions with customers
- Assisted co-workers by maintaining a clean and organized workspace, monitoring and restocking products, and cleaning during closing hours

CAMPUS INVOLVEMENT

ProjectLEAD – *Co-Project Manager, Secretary;* Austin, TX   September 2019 – Present
- Work with the Services for Students with Disabilities (SSD) office to research information about their history and use it to create a visualization
- Record minutes during community partner meetings, discuss plan of action and updates with project