HARRISON KERR

Full Stack Developer | Software Engineer
Leader, Problem Solver, Thinker

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TECHNICAL EXPERIENCE

TEACHING ASSISTANT   August 2019 - May 2020
Clemson University / Clemson, SC / Part-Time
- Managed a Software Development Foundations and Computer Organization lab
- Taught students programming and software design principles (Java, C, and Assembly languages)

DATA ANALYST INTERN   Spring 2015 & Jun-Aug 2018
Equiscript LLC / Charleston, SC / Part-Time
- Developed a program to gather client metadata
- Designed Salesforce formulas and data reports

HACKATHON PARTICIPANT   March 10-11, 2018
CUhackit / Clemson, SC
- Built an optimized graphics/game engine in Java

PROGRAMMING CHALLENGES
Codechef, LeetCode
- Designed solutions to complex coding problems with advanced use of algorithms and data structures

PROJECTS

- Cookbook Web Application   Node (Express, EJS), MongoDB
- Anton's Pizzeria Database App   Java (JDBC), MySQL
- Customer Shopping System   Java (Android Studio)
- FAT12 Image Information Retrieval Tool   C
- Database Automation Tool, *Equiscript LLC*   Java

EDUCATION

Bachelor of Science   May 2020
Computer Science
+ Chinese Studies Minor
Clemson University
3.94 GPA, Magna Cum Laude

The Complete 2020   July 2020
Web Development
Bootcamp
Angela Yu (via Udemy)

TECHNICAL SKILLS

Web
- HTML/CSS/JavaScript, React
- Node.js, Express.js, EJS

Local
- Java (JDBC, Android Studio)
- C/C++, Python

Databases
- MySQL, MongoDB

Development
- Unix/Linux, Git, Agile (Scrum)

OTHER EXPERIENCE

President & Vice President, *Clemson Taekwondo Club* - Clemson, SC	Fall 2017 - Spring 2020
Study Abroad, *Clemson University* - Beijing/Dalian, China	May - July 2019
Hurricane Dorian Relief Volunteer - Man-O-War Cay, Abaco, The Bahamas	January 2020
Clinic Assistant, *OneWorld Health* - Nicaragua	August 2017
Summer Camp Counselor (Paid, Full Time) - *Camp Rockmont* - Black Mountain, NC	Summer 2017

Honors and Accomplishments

Graduated Magna Cum Laude from Clemson University   May 2020
Clemson Department of Languages Chinese Laoshi Award (2018-19)   April 2019

Soft Skills

Leadership, Cultural Intelligence
Commitment, Organization
Problem Solving, Initiative

Projects and Coursework

Database Management Systems (MySQL; Java)   Customer shopping system (Android Studio; Java)
Applied Data Science (Python)   *Networks and Network Programming* (Python)
FAT12 Image Information Retrieval Tool (C)   Tool to gather metadata from a database (Java)
User Threads Library (C)   *Data Structures and Algorithms* (C++)