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Johnathyn Strong

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Computer Science graduate looking to leverage experience building full-stack mobile apps, backend programs, and working in small teams to smoothly transition to a similar work environment. Motivated to learn from other engineers while sharing my innovative ideas to help benefit others.

Education

Cullowhee, NC	Western Carolina University	Aug 2018 - May 2023
<ul style="list-style-type: none">• Major: Computer Science, B.S.• Programming Coursework: Operating Systems, Cloud Computing, Data Structures & Algorithms, Computer Networks, Database Systems, Mobile App Development		

Software Projects

Personal Website: johnathynstrong.rf.gd (for additional information)

Android Book Collection App

- Designed and developed an innovative full-stack Android app using Java that provides a comprehensive solution for managing a user's book collection.
- Integrated the OpenLibrary API to enable real-time access to book details.
- Leveraged SQLite to store user's books data and employed multi-threading to manage networking activities.
- Utilized: Java, Multi-threading, SQLite, Android development, GIT

Bitcoin Visualization Web App

- Designed and developed a dynamic full-stack web app that visualizes complex sets of Bitcoin transactions with speed and accuracy.
- Implements D3.js for visualizing the data.
- Constructed a robust backend API with Express.js and Node.js, enabling seamless integration with the Neo4j database to store and retrieve all relevant nodes and links.
- Utilized: JavaScript, d3.js, Node.js, Express.js, Neo4j cloud database, GIT, HTML/CSS

Employment

Contract Computer Technician

- Utilized soldering and rework equipment to replace computer components
- Conducted accurate diagnosis of technical issues and performed precise repairs on computer hardware
- Proficiently reinstalled and configured software to restore optimal system performance, ensuring client satisfaction

Skills

Software: (proficient): Java, Python, JavaScript (familiar): C, Rust, GIT, Unix, HTML/CSS, SQL, Android