743 Old Settlement Road Sylva, NC

[johnathynstrong.rf.gd](http://johnathynstrong.rf.gd/)

Johnathyn Strong

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johnathynstrong@gmail.com

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**

* **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](http://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