

# Arib Syed Ali

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Manassas, VA 20111 | (571)789-7395 | [aribali3@hotmail.com](mailto:aribali3@hotmail.com) | [aribali3.github.io](https://aribali3.github.io) | [linkedin.com/in/arib-ali-870423173/](https://linkedin.com/in/arib-ali-870423173/)

## Summary

Inquisitive, energetic computer science specialist skilled in leadership, with a strong foundation in math, programming logic, and cross-platform coding. Seeking to leverage solid development skills with a focus on collaboration, communication, passion, and creativity as a programmer.

## Education

### Bachelor of Science in Computer Science | 2022 | Virginia Tech

- Minor in Mathematics
- Dean's List with Distinction

## Skills & Abilities

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|--------------|-------------------|-------------------|-------------------|
| • Java       | • SQL             | • Testing and     | • Leadership      |
| • C          | • Git             | Debugging         | • Team-oriented   |
| • HTML/CSS   | • Data Structures | • Problem Solving | • Trilingual      |
| • JavaScript | and Algorithms    | and Critical      | • Ability to work |
| • Linux      |                   | Thinking          | under pressure    |

## Projects

- **Big Number Arithmetic Calculator**  
Implemented a "BigNumArithmetic" or infinite precision arithmetic package for non-negative integers. The program read a series of expressions in Reverse Polish Notation from a file. Then, it performed addition, multiplication, and exponentiation based on the expression and displayed the computation on the console.
- **Covid-19 Case-Fatality Ratio by Race/Ethnicity Visualization**  
Designed, developed, and tested an information visualization solution which displayed a visualization of a COVID-19 dataset for several states and ethnicities, collected by The Covid Tracking Project using Java.

## Experience

### Self-Checkout Host and Cashier | Walmart | Oct 2019 – Present

- Worked closely with front-end staff to assist customers and maintain satisfaction levels.
- Helped customers find specific products, answered questions, and offered product advice.
- Cross-trained in multiple roles to provide skilled backup for team members.

### Sales Associate | Cole Haan | May 2018 – May 2019

- Exceeded sales goal consistently by cross selling and promoting additional products and services.
- Maintained knowledge of current promotions, exchange guidelines, payment policies and security practices.
- Conferred with management to offer feedback on operations and promotions based on customer preferences and purchasing habits.
- Listened to customer needs and preferences to provide accurate advice.