





# Sairaghav Gubba

I am a self-motivated and responsible undergraduate student working towards an intended Computer Science(BSc) degree alongside a minor in Business Administration. Seeking to apply strong analytical and interpersonal communication skills. Aiming to improve current skills and gain knowledge in a collaborative environment.

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## SUMMARY OF QUALIFICATIONS

Experience in the programming languages Java, R, C/C++, and Python. Proficient in using data visualization tools such as IntelliJ IDEA and Jupyter Notebook. I also have experience in Microsoft (Word, PowerPoint, Outlook) and Google Suites (Docs, Slides, Gmail). Can speak three languages, with high fluency in English and Telugu alongside intermediate-level Spanish. Honor Roll student in the 2023-2024 school year.

## EDUCATION

- Sep 2022 - **Computer Science(BSc)**  
Apr 2023 University of British Columbia, 2329 West Mall Vancouver, BC, Canada V6T 1Z4  
Completed first year of undergraduate
- Aug 2023 - **Computer Science(BSc):**  
Present Washington State University, 150 SE Spring Street, Pullman, WA, USA 99163
- Honors College Student
  - Computer Science(BSc) Major
  - Business Administration Minor

## EXPERIENCE

- Jun 2023 - **Undergraduate Instructional Design Intern**  
Aug 2023 Pacific Northwest National Laboratory(PNNL), 902 Battelle Blvd, Richland, WA, USA 99354
- Created Instructional Design Models(i.e. user guides and aides) to assist in navigating a Learning Management System(LMS)
  - Improved learning materials to ensure content remains relevant and effective
  - Collaborated with subject matter experts(SMEs) to create content for the learning materials(i.e. graphics, text, quizzes)
- May 2023 - **Machine Learning Project Contributor**  
Aug 2023 Washington State University: Tri-Cities, 2710 Crimson Way, Richland, WA, USA 99354
- Contributed to a machine learning project to exploit cybersecurity vulnerabilities to identify, address, and mitigate security weaknesses in digital infrastructure.
  - Assigned tasks included compiling data segments based on variables and creating new variables to add to existing data.
- May 2024 - **Summer Undergraduate Laboratory Intern**  
Jul 2024 Pacific Northwest National Laboratory(PNNL), 902 Battelle Blvd, Richland, WA, USA 99354
- Optimized Dockerfiles by converting a Docker image stack from Ubuntu to Alpine Linux
  - Compared storage capacities and build times for each Linux distribution using Docker containers
  - Completed Abstract and Research Paper for internship project and presented findings at Research Symposium

## SKILLS

Organizational Skills, Time Management Skills, Experience with Microsoft Word, Excel, and Outlook, Programming Experience in Java, C, C++, R, and Python, Experience with Google Suite