Sairaghav Gubba

I am a self-motivated and responsible undergraduate student working towards a Computer Science(BSc) degree with a minor in Business Administration. I am seeking to apply my strong analytical and interpersonal communication skills. I aim to improve my current skills and gain knowledge in a collaborative environment to deliver impactful solutions.

1429 Jade Avenue, West Richland, WA 99353

gubba.sairaghav@gmail.com

+1-509-312-4322

linkedin.com/in/sairaghavgubba

SUMMARY OF QUALIFICATIONS

Experience in Java, R, C/C++, C#, and Python. Proficiency in problem-solving, troubleshooting, and teamwork. Experience in Microsoft(Word, Excel, PowerPoint) and Google Suite(Docs, Slides, Sheets) products. Strong organizational and time management skills. Can speak three languages, with high fluency in English and Telugu alongside intermediate-level Spanish. Washington State University Honor Roll student since 2023.

EDUCATION

Sep 2022 - Apr 2023
Computer Science(BSc)
University of British Columbia, 2329 West Mall Vancouver, BC, Canada V6T 1Z4
Completed first year of undergraduate

Aug 2023 - Present
Computer Science(BSc): ***3.94 GPA***
Washington State University, 150 SE Spring Street, Pullman, WA, USA 99163
- Honors College Student
- Computer Science(BSc) Major
- Business Administration Minor

EXPERIENCE

May 2023 - Aug 2023
Machine Learning Project Contributor
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 - Jul 2024
Summer Undergraduate Laboratory Intern
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

CERTIFICATIONS

PCEP - Certified Entry-Level Python Programmer
Python Institute(PI)
- Demonstrating proficiency in the Python programming language

PROJECTS

Mar 2023 - Apr 2023
Prediction of Angiographic Disease Final Report
University of British Columbia, Vancouver, BC, Canada
- Group project made using the R programming language
- Project uses KNN classification to predict the severity of angiographic disease (i.e. heart disease)
- Variables used as predictors in the final KNN classification include age, sex, chest pain, cholesterol levels, & resting and maximum heart rates

Feb 2024
CBT Finance
Washington State University, Pullman, WA
- Group project in the 24-hour CrimsonCode 2024 hackathon made using HTML, CSS, JavaScript, and TypeScript
- Prototype application that allows the user to track household budgets
- Interface includes automated calculations and visual analytics to ensure the best user experience

Apr 2024
SFML Hangman Game
Washington State University, Pullman, WA
- Group project of a Hangman game using C++ and the SFML Library
- The game includes a graphical user interface, animated transitions, and keyboard input validation to make the experience user-friendly
- Designed and implemented game mechanics, such as word selection, guessing logic, and code reusability

Jan 2025 - Feb 2025
SAI (Snowpack Artificial Intelligence)
AgAID, Pullman, WA
- First-place winners for Snowpack Prediction Challenge in AgAID Digital AgAth0n 2025 hackathon
- Used machine learning to predict and plot snow water equivalent(SWE) using spatiotemporal data