

# ALI RAZA BHANGU

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## PERSONAL PROFILE

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Hardworking second-year Computer Science student skilled in analytical problem solving. Interested in working with cloud-based software services, embedded systems, databases, and planning on pursuing graduate studies. Available for 4 months beginning May 2023

## EDUCATION

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**Honours Bachelor of Computer Science CO-OP**, University of Ottawa

September 2021 - December 2025

Deans Honour List - 2021/2022 Academic Year, 8.15/10 CGPA

## SKILLS

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- Proficient in **Java** and **Python** through the development of numerous projects.
- Utilized **HTML**, **CSS**, **JavaScript** and **Bootstrap** to make functional web-pages.
- Advanced understanding of **object-oriented programming**, **data structures**, and **design patterns in Java**.
- Experienced in mobile app development using **Android Studio** and **SQLite**
- Intermediate knowledge and experience of **computer and database architecture**, and **x86 assembly language**
- Experienced in **algorithm analysis** and with **software design** concepts
- Familiar with **APIs**, **SQL**, and advanced understanding of the **client-server architecture**.

## EXPERIENCE

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**Vice President of Financial Affairs**

October 2021 - April 2023

Computer Science Student Association

*Ottawa, ON*

- Directed 101 Week for new incoming students, planned and organized numerous events, and supervised a team of 24.
- Collaborated with over 5 other student organizations and helped organize their finances dealing with amounts upwards of \$50,000 in spending.

**Junior Technical Analyst - Intern**

May 2022 - August 2022

Onsets Incorporated

*Remote*

- Worked with senior developers to **organize and plan development** of programs following the **software development life cycle**, creating visualizations with **Microsoft Visio**, such as **UML** diagrams to effectively communicate with non-technical personnel.
- Supported development of user interfaces for client's web pages utilizing **HTML and CSS**
- Utilized **Microsoft Office Suite** to help create **presentations** and **documentation**.

## PROJECTS

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**Mealer - Android Application**

*Course Project*

- Implemented an online meal prep services moderated by an admin, used by local cooks, and accessed by customers to request, purchase, and rate available meals.
- Developed using **Java** and **Android Studio** and **SQLite Database**, allowing for embedded database reading, writing, and user authentication.
- Tracked and coordinated changes and applied software **agile** practices using **Git/GitHub**.

**Portfolio Website**

*Personal Project*

- Developed and hosted a website to present my background, skills, and achievements.
- Designed a web-page using **HTML**, **CSS**, and **JavaScript**.
- Added styling with **Bootstrap** CSS framework

## EXTRA-CURRICULAR ACTIVITIES

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**Hack the Hill**

*October 2022 -*

- Co-Director of Finance for an Ottawa-based Hackathon for students run by students, working with a diverse group of sponsors and industry professionals.