

ZAIN ALI

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EDUCATION

UNIVERSITY OF BRITISH COLUMBIA

MAY 2025

Bachelor of Science in Computer Science, Irving K. Barber Faculty of Science

- Overall GPA: 3.3

SKILLS

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Code: Java, Python, C++, JavaScript, HTML, CSS, R, React, SQL data manipulation, data visualization and analysis, Tableau, PowerPoint, and Excel.

Experience: Full stack development, web development, data structures, algorithms, unit testing, project planning, and safe software engineering practices.

Languages: English(native), Urdu(native), German(A2)

EXPERIENCE

WORK:

SHAMS SHOPPING CENTRE

May-August 2019

E-commerce team member / Cigar and perfume salesperson

- Collaborated with the e-commerce website, developing product advertising, website design, and theme development.
- Provided expert sales services for cigars and perfumes to high-profile clientele, demonstrating comprehensive product knowledge and providing exceptional customer service.

PROJECTS:

WEB CHAT APP:

Full stack developer / Project leader

Developed a responsive, user-friendly web application. Implemented robust backend logic for user authentication, data management, and real-time communication.

Managed project planning, execution, and testing to ensure data integrity and security.

- HTML, CSS, JavaScript, Python, Flask, NoSQL, MongoDB, unittest, werkzeug

ONLINE STORE:

Full stack developer

Developed an adaptive, user-centered web application. Designed and implemented a robust and scalable data schema, followed by the development of efficient real time data querying capabilities.

Conducted rigorous testing to ensure proper data querying.

- Docker, Java, JSP, MySQL, HTML, CSS

AI Aesthetic Image Analysis:

Full stack developer

Developed a survey app where users compare images to determine which is more aesthetic. Created a machine learning model using random forests to predict image aesthetics and an algorithm for generating aesthetic images.

- React, SQLite, i18next, Express, Node, Jsonwebtoken, Postman, Cypress.

LEADERSHIP

University of British Columbia Student Associations

2024 - 2025

• Club President - Kelowna Ismaili Student Association

- Coordinated social events for over 35 students, aiding students to settle into college

• Club Vice President - Students Union Okanagan Tennis Club

- Organized sessions, tournaments, and logistics. Built relations with local brands for sponsorships

Model United Nations Delegate

2017- 2019

- Represented Headstart School national and international Model UN team at various institutions including Yale University and UPENN. Won Outstanding Delegation in one competition

Team Leader, Headstart Robotics Team

2014- 2019

- Directed a team of high school students in the design, construction, and programming of autonomous robots, resulting in 5 competition victories