





Abdullah Munir

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EDUCATION

University of British Columbia

Bachelor of Science in Computer Science

Kelowna, Canada

Sep 2022- Apr 2026

- **Cumulative GPA:** 4.06/4.33 (Dean's List)
- Received UBC's International Major Entrance Scholarship (IMES)
- **Relevant Courses:** Computer Programming I & II, Object Oriented Programming, Data Structures, Analysis of Algorithms, Data Analytics, Machine Architecture, Discrete Structures, Artificial Intelligence, Software Engineering, Machine Learning

EXPERIENCE

University of British Columbia

Undergraduate Teaching Assistant - COSC 122

Kelowna, Canada

Sep 2024 – Present

- Provide one-on-one support and explain complex concepts to students. Assist during lectures, and manage weekly labs for **30 students**, explaining lab materials, answering questions, and grading assignments.

University of British Columbia, Culture & Technology Department

Software Developer, Assisting Professor of Virtual Arts (Aleksandra Dulic)

Kelowna, Canada

May 2024 – Present

- Developing a multi-level educational 3D game in **Unity** for **24,000 students**, by designing interactive terrain, **user interface** elements, and implementing **dynamic gameplay**, including player movement, item interaction, level and scene management and quest completion.
- Created several Unity-based scenes using **scriptable objects** and several **data structures** to integrate mini games and puzzles within levels to improve students learning outcomes by assessing students' understanding of indigenous land and sustainability and aligning the game with educational objectives.
- Introduced time-based challenges and quests using **C#**, enhancing gameplay and increasing user interaction by collaborating with a research team and school management to integrate educational objectives into the game.

University of British Columbia, Student Learning Hub

Subject Tutor

Kelowna, Canada

May 2024 – Aug 2024

- Tutored **50+** students on Computer Science, Math, Data Science, and Statistics courses. Conducted weekly learning sessions and solved students' problem sets during office hours.

Bazaar Technologies – Pakistan's upcoming Startup, Series B funded

Software Engineer Intern

Karachi, Pakistan

Jun 2023 – Aug 2023

- Built out an interface program enabling non-technical users to leverage **SQL**, reducing their time to **pull data by 40%**; developed the program using web interface with a **Node.js** backend, **Sequelize ORM** and the **Superset API**.
- Used the Query Repository and **Superset** to display query results in a table format, **improving KPI visibility by 25%**, focusing on metrics such as Golden Deliveries, Success Rate, GMV per Vehicle, and Average Drop Rate.

Amazon

Data Analyst Intern

Sydney, Australia (Remote)

Aug 2021 – Sep 2021

- Conducted competitive benchmarking, to expand Amazon Australia's refurbished product business; insights enabled the business development team to prioritize five brands which improved selection and consequently customer experience.
- Addressed product discoverability problem statement by improving keyword search for top brands and building dedicated sub-URL for brands such as Lenovo, HP, ASUS. These actions **improved conversion by 0.5%** within a three-month period.

PROJECTS

TidyLink (Mobile App) | *React Native, Firebase, Expo, APIs*

Dec 2023 – Apr 2024

- Built a **full stack mobile app** to connect blue-collar workers with job opportunities within Pakistan, targeting a market of **8.5 Million** domestic workers.
- Implemented **Firebase** Authentication for secure sign-ups and profile creation, with data stored in **Firestore**. Enhanced the app with area-based profile viewing and an integrated chat system, projected to increase job matching efficiency by **30%**.

SavorySmart (Website) | *React.js, Firebase, APIs, Tailwind CSS, HTML, CSS*

Aug 2023 – Oct 2023

- Developed a **full stack recipe website** using **React.js** with features like recipe search, nearby restaurant search, ingredient info, nutritional analysis, and meal plan generation using **APIs**. Deployed **Firebase** authentication for secure sign-ups/logins, enhancing user experience and access to meal planning features.

Personal Chatbot (AI) | *Python*

Jul 2023

- Programmed an AI chatbot (draft version of a personal assistant) in **Python** to open websites and apps, log into Instagram, engage in conversations, answer questions, and provide real-time weather and news updates via **API integration**.

Health Insights USA (Data Analysis) | *Pandas, Seaborn, Matplotlib, Tableau*

Mar 2023 – Apr 2023

- Led a group project, to analyze health cost data in the USA using **pandas**, **seaborn**, **matplotlib**, and **tableau**, including the impact of smoking on medical costs and the relationship between BMI, region, and gender on health costs.

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, C++, C#

App & Web Development: HTML, CSS, React.js, Node.js, Firebase, React Native, MongoDB, Unity, Swift, Tailwind CSS, Bootstrap

Data Analysis & Machine Learning: Pandas, NumPy, Seaborn, Matplotlib, TensorFlow, PyTorch, Keras, MySQL, Microsoft Excel, Tableau

Tools & Technologies: GitHub, VS Code, Eclipse, PyCharm, Jupyter Notebook, Xcode, AWS (S3, EC2, Lambda), Compute Canada