Abdullah Munir

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EDUCATION

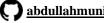**University of British Columbia**   Kelowna, Canada

Bachelor of Science in Computer Science   *Sep 2022- Apr 2026*
- **Cumulative GPA**: 87.6% (Dean's List)
- Received UBC's International Major Entrance Scholarship (IMES)
- **Relevant Courses:** Computer Programming I & II, Object Oriented Programming, Computer Creativity, Computer Fluency, Data Structures, Analysis of Algorithms, Data Analytics, Machine Architecture, Discrete Structures, Artificial Intelligence

EXPERIENCE

University of British Columbia, Culture & Technology Department   Kelowna, Canada

Software Developer, Assisting Professor of Virtual Arts (Aleksandra Dulic)   *May 2024- Present*
- Developing an 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 a Unity-based scene using scriptable objects to integrate post-level quizzes, 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   Kelowna, Canada

Subject Tutor   *May 2024- Present*
- Tutoring 50+ students on Computer Science, Math, Data Science, and Statistics courses. Conducting weekly learning sessions and solving students' problem sets during office hours.

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

Software Engineer Intern   *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.

Terra Firma International   Remote

Web Developer   *May 2021 – May 2022*
- Developed a comprehensive website for an NGO assisting refugee minors, engaging 200+ donors and 10,000+ partners in the past year, and improved content to increase engagement time from 23 to 39 minutes weekly.

Amazon   Remote

Data Analyst Intern   *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   *Dec 2023 – Apr 2024*
- Built a 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*
- Crafted a 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: Pandas, NumPy, Seaborn, Matplotlib, MySQL, Microsoft Excel, Tableau
Tools & Technologies: GitHub, VS Code, Eclipse, PyCharm, Jupyter Notebook, Xcode, AWS