

Abdu Ben Issa

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Education:

BSc in Computer Science - University of Calgary, 3rd year 2022 - 2026

- Relevant Coursework: Data Structures and Algorithms, Security and Privacy, OOP, Software Engineering, Discrete Math I & II, Database Management Systems, Data Science I, Calculus I, Computing Machinery I

Experience:

Data Analyst | Tech Start | Calgary AB October 2023 – May 2024

- Collected and structured large-scale datasets through interviews and surveys with **100+ students**, identifying academic pain points and workflow issues in review methods used across various disciplines and research.
- Analyzed and processed raw data using **Python, SQL, and VBA** to uncover behavior trends, performance gaps, and inefficiencies, increasing reliability by **over 35%** across multiple testing cycles.
- Built **10+** tailored visualizations in **Power BI** and **Matplotlib** to showcase findings, directly enhancing a tool designed to improve research workflows and review efficiency for **50+** PhD students across **five** faculties.

IT Analyst | United Way of Calgary & Area | Calgary AB May 2023 – September 2023

- Reviewed Azure login activity and MFA compliance for **200+** users, identifying inactive accounts and reducing security risks by **30%** through detailed auditing, compliance reporting, and account deactivation workflows.
- Delivered Level 1 technical support for hardware, software, and account issues using Azure, Windows Server, and Active Directory, efficiently resolving over **100** tickets while improving average resolution time by **25%**.
- Updated and expanded the SharePoint Knowledge Base with **15+** walkthroughs and guides, streamlining IT onboarding processes, reducing repeat issues, and cutting documentation gaps by **40%** across all teams.

Clubs:

Programmer & Lead | Tech Start UCalgary September 2023 – May 2024

- Took ownership of **3+** ongoing technical projects, leading redesigns and completing previously stalled initiatives by refining goals, resolving blockers, and aligning efforts across team priorities.
- Directed task distribution and sprint planning for a team of **6** using **GitHub Projects**, increasing project velocity and deadline adherence by **40%** through structured workflow management.

Projects:

Player Performance Tracker | SQL, PowerBI, Java, JavaFX September 2024 – November 2025

- Built and maintained a player performance tracking system using **SQL** to retrieve and organize match data for **20+ players per session**, enabling accurate stat management across **10+ games** with improved data consistency and **50%** reduction in manual entry.
- Developed an interactive **JavaFX GUI** that presented individual and team performance using **sortable tables and filters**, enhancing match analysis for users and reducing stat review time by **30%** through improved layout and intuitive navigation.

Cybersecurity Learning App | HTML, CSS, JS, React, Linux January 2025 – March 2025

- Developed and deployed a **web-based learning platform** on a **Linux server**, integrating a responsive front-end using **HTML, CSS, and JavaScript** to deliver a seamless user experience for **30+ students**, improving engagement with core cybersecurity concepts.
- Designed and authored **10+ modules** of custom educational content covering Linux fundamentals such as **security, package management, and command-line tools**, boosting foundational knowledge and hands-on proficiency among new learners.

Technical Skills:

Programming: C, C++, C#, Python, JavaScript, Java, Go, Node.js, SQL, Perl, VBA, Ruby, MATLAB, Rust
Software: SAP, Git, GitHub, Eclipse, Jupyter, Fusion 365, MongoDB, MySQL, AWS, Power BI, PostgreSQL
Tools and Frameworks: React, Angular, Flask, Django, Pandas, NumPy, AutoCAD, SolidWorks, OpenCV, Queries
Other: Robotics, MS Suite, Adobe Suite, Tableau, ArcGIS, Azure, Artificial Intelligence, Excel, GitLab