

Alex Bali

Passionate Developer of Elegant Computer Science Solutions, University of Alberta Graduate

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Driven professional with an enthusiasm for optimizing applications and creating elegant solutions. I am young, energetic and a recent graduate from the University of Alberta where I finished my Bachelor of Science degree with specialization in Computer Science. I have strong foundations in algorithms, analytics, databases, and software development. I am intelligent, punctual, organized, a quick learner, and I have a strong work ethic. I am seeking to harness my skills and apply them to new challenges with a focus on collaboration, communication, and efficiency.

Technical Skills Overview

Languages C#, C++, Java, JavaScript, Python, R, Swift, HTML, CSS, Bash	<div><div></div></div> Very Good
Frameworks ASP.NET, Blazor, Django, Flask, React, Mockito, Selenium, JUnit, Angular	<div><div></div></div> Very Good
Database Microsoft SQL Server, Oracle PL/SQL, Firebase, MongoDB	<div><div></div></div> Very Good
Web Services REST, Cybera, Docker, Azure	<div><div></div></div> Very Good
Business Intelligence Tools APEX, FME, Google G Suite, Data Studio, Microsoft Office, Microsoft Visio, RStudio	<div><div></div></div> Very Good
Other Technical Skills GitHub, Git, CI/CD, Unix, Linux, SDLC, Agile, Scrum, Change Management, ITIL, Unit Testing, A/B Testing, Test Driven Development, GitHub Actions, Mock & Stub Testing	<div><div></div></div> Good

Soft Skills Synopsis

Teamwork I have great interpersonal skills and enjoy both collaborating with others and building relationships. I am an attentive listening who can gather and understand business requirements from clients or give presentations.	Critical Thinking I am comfortable working in fast paced environments with many moving parts. I can adapt to all situations and creatively solve problems and execute strategies under pressure with good judgement.	Organization I can be counted on to perform tasks efficiently with effective time management. I am very detail oriented and punctual. I am reliable and can be depended on to efficiently perform tasks.	Positive Attitude I bring high energy and a positive attitude to any task or project I am involved in. I am passionate about learning new skills and sharing my knowledge.
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Employment and Project History

**May 2021
to Present**

Systems Analyst – City of Edmonton

- Design, Develop, Test, Maintain, Model and Document new and existing internal applications using tools and languages such as APEX, FME, Tableau, Python, Microsoft SQL, and Oracle Databases (spatial and non spatial data)
- Data analysis, data collection, trend analysis & reporting of different datasets with an emphasis on key performance indicators and business processes
- Meet with clients and stakeholders to gather requirements or present solutions to a diverse audience (technical and non-technical backgrounds)
- Troubleshoot issues and implement technical solutions developed with the best UI/UX principles

**Jan 2021
to Apr 2021**

Web Application Developer – Citrus Network

- Web Application Developer – Citrus Network: Jan 2021 – April 2021
- Designed databases from client requirements
- Developed and tested API's, Quality Assurance
- Translated business requirements to user stories
- Implemented user stories using programming languages such as Python and JavaScript

**Jan 2021
to Apr 2021**

Software Developer – Boost

- Developed an Android Application using Android Studio (java)
- Created API's and developed Firebase database
- Designed UI/UX components
- Wrote unit tests and ensured documentation was complete

**Sep 2020
to Dec 2020**

Backend Developer – AHSL Dashboard

- Gathered business requirements from clients and created user stories
- Conducted research using demographic surveys, software evaluation, and café studies
- Created API's and used the Django Framework with python to develop features
- Wrote unit tests, integration tests, acceptance tests

**May 2019
to Sep 2019**

Information Administrator – City of Edmonton

- Designed, Developed, Tested, Documented an Internal Oracle APEX application related to the management of City of Edmonton legislation
- Gathered requirements from clients, scheduled meetings (2-5 people)
- Created test scripts and conducted user acceptance testing
- Automated a data analysis workflow using Apps Script, Sheets and Excel

Education and Achievements

**Sep 2017
to 2021**

University of Alberta – BSc Specialization in Computer Science

- Took other higher-level courses in Math, Statistics, Economics, and Psychology
- Proudly finished my final year with a 3.8 GPA.
- Awarded a position on the Faculty of Science Dean's Honor Roll (awarded to students to achieve a grade point average of 3.5 or higher in a full-time course load)
- Recipient of the Jason Lang Scholarship (recognizing outstanding academic achievements in Alberta post-secondary education)
- Recipient of the Alexander Rutherford Scholarship (recognizing outstanding academic achievements)