Christian **Arbelaez**

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Summary

Bachelor of Computer Science graduate from the University of Alberta. Background in full- stack web development and Android development, as well as team leadership in both product and project management. Experience with Python, HTML/CSS, JavaScript, Java, C/C++ and SQL. I excel at managing and developing software within a team to plan and complete project features.

Skills

Languages: Python, HTML/CSS, JS, SQL, Java, C++/C
Technologies: Django, MySQL, Cordova, Unix, Zsh/bash, Git, PyTest, Firebase, React Native, Vue
Management: Agile and Scrum, Kanban, Requirements Gathering, Project Planning and Design

Experience

University of Alberta Students' Union   May 2022 - Current
Junior Developer
- Decoupled multi-page web app from all static branding and values to be adapted for use by third party customers without requiring code changes.
- Implemented various QoL features using Python and JavaScript all the way from written requirements until production deployment.

Projects

Full Stack Website   Jan 2021 – Apr 2021
Team Lead, Full Stack Engineer, QA Engineer
- Managed a five developer team in the requirements gathering, development, and deployment of a full-stack website for the client, Luminance Learning LLC.
- Developed a REST backend to make and store calculations based on user input using Django Python, MySQL, and React.
- Developed an automated unit test suit using Python and PyTest.

Airbnb-like Android Application   Sept 2020 – Dec 2020
Android Developer
- Built user authentication handling using Java and Android Studio.
- Integrated account and product management with Firebase.
- Designed the UI mockups and storyboard sequences.
- Designed the object-oriented architecture using UML.

Shipwrecked Video Game   Sept 2020 – Dec 2020
Project Manager, Programmer
- Managed and worked within a team of six interdisciplinary students to develop and release a playable video game.
- Built enemy A.I. using C# and RPGMaker.
- Led the team using Agile and Kanban to create a project plan and organize responsibilities and priorities.

Education

University of Alberta   Sept 2017 - Apr 2021
Bachelor of Computer Science