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| Sam Bao  sbao@ualberta.ca | 780-655-6091| Github:Sam9116 | |
| what I want to do | Take part in developing a product with an impact I can see. Utilizing the latest technology, working with people who care and takes pride in what they do. |
| What i can offer | **As a software developer:**   * Experiences in C#, ASP.Net, Xamarin/UWP, NodeJS and Unity Development * Use of JIRA/Azure Devops, GIT/TFS, Airtable, Snowflake * Will survive in Linux environment but not preferred. * Experience in Visual Studio, Cloud Platform such as Azure, GCP and Unity Game Service   **General Skills:**   * Problem solving/ Finding workarounds. * Familiar with Adobe Photoshop   **Surprise Skills:**   * 3D Modeling/Texturing/Animation |
| what i have done | **Software Developer – Finger Foods Advanced Technology Group/uNITY Aug 2019 – May 2023**   * Maintained Internal Pipeline Analysis UWP App for Enbridge * Reverse-Engineered Invision API for automating tasks * Developed POC App on RealWear HMT-1 Headset for Suncor using Unity * Developed Demonstration AR App on Hololens 2 for Suncor using Unity * Participated in developing VR training app on Oculus Rift for ExxonMobile using Unity * Maintaining Real-time Broadcast Experience for NYSE * Collecting and analyzing usage data in Real-time Real-time Broadcast Experience for NYSE  **Associate Software Developer – Onware Inc.** **Feb 2018 – Feb 2019**   * Developing and Publishing Cross-Platform Mobile Apps: **Onware Mobile/ManureTracker**.(Android/iOS/Windows) using Xamarin forms * Developing ASP.NET Backend RESTFUL API required by Mobile Apps * Updating models and Modifying SQL Database to add new feature for existing Mobile Apps * Python Automation scripts for modifying Tableau workbook files * Incorporating new controls for Web App and Mobile App  **Research & Development Intern – PCL Industrial Management Inc.** **Jan 2016 – AUG 2016**   * Preparing QR Code API for internal use on Legacy Desktop Programs. * Preparing Heat-Map API for both Legacy Desktop Programs and UWP APPs. * Adding new feature to internal data visualization VB app. * Developing Visual Communication App from scratch for UWP. * Developing Legacy Desktop App for SQL Database operations. * Tested viability of IOT devices for operation. |
| my Education | **University of alberta**, edmontonbsc, computing SCIENCE (2012-2018)  * CMPUT 404 (Web Architecture) * CMPUT 391 (Database Web Application) * CMPUT 301 (Software Engineering) |