

Brian Jo

Systems Design Engineering 2B
University of Waterloo

(647) 215 6981
brian.jo@uwaterloo.ca
github.com/rip2pac
rip2pac.com

skills

- + **DEVELOPMENT:** Python, C++, SQL, JavaScript, HTML, CSS
- + **ANALYSIS:** MatLab, AutoCAD, SolidWorks
- + **PROJECT MANAGEMENT:** Microsoft Project, MS Office
- + **DESIGN:** Sketch, Adobe Photoshop, Adobe Premiere

experience

BOMBARDIER
Aerospace



+ PROJECT MANAGER

Led the development, design, and implementation of Aircraft Life Limited Parts (LLP) Tracking System using **Python**, **MS SQL Server**, and Canadian Aviation Regulations (**CARs**) – this system is in use today for building business jet Global 5000/6000

Intl. Financial
Data Services



+ R&D DEVELOPER

Developed big data hive visualization for analyzing small-cap **business funds** using **JavaScript** and **Node.js**, which served as client module for evaluating mutual funds

Optimized data pipeline to visualization process using **Apache MQ** and **Hadoop Cache**

SunLife
Financial



+ CLIENT COMPUTING

Developed internal business application distribution system using **Shell** and **SCCM**, for over **50 business vendors**

Automated software delivery analytics tool during Windows 7 migration process

projects

+ QUEEN WEST NATIVE

Launched a **textile** brokerage service which supplies imported high quality and cost efficient cotton based fabric to local designers in Toronto

Supplied fabric blends to **Coat & Shelter** for trench coat prototypes

+ UNCENSORED MESSAGING

Served as a Product Designer / Project Manager for a mobile development team

Created project **charter**, **workflow**, **iteration**, and **prototype** for developing a live messaging application which broadcasts what a user is exactly typing to another user in real-time