

VICTOR LAI

contact@laivictor.com
www.laivictor.com
github.com/blisse

Skills

Mobile experience in Windows Phone 8 (expert), WinRT, iOS 7, Android (proficient)
Strong understanding of **algorithmic** and **UI design** from variety of independent projects
Highly **adaptable**, and **fast learner**: used various flavours of Visual Studio, Eclipse, Xcode and Git/SVN

Work Experience

AGILE ENGINEER **PIVOTAL LABS**

SEPT – DEC 2013

Released Windows Phone 8 app from scratch in 3 months
Collaborated with Microsoft to implement and extend custom version of the HTTP Live Streaming SDK
Implemented barcode detection algorithm in iOS 7 wallet app

APP DEV **NEXJ SYSTEMS**

JAN – APR 2013

Developed front-end using Scheme, SQLite for an enterprise CRM web service currently beta deployed to over 1,000 patients
Improved code quality by leading effort to refactor obsolete technical designs and algorithms

QA ANALYST **NEXJ SYSTEMS**

JAN – APR 2013

Tested and signed off beta deployment to over 3,000 users
Assumed QA lead duties during teammate vacation leave
Developed Python application to automate regression testing PDF files, reducing testing time by up to 10x

Projects

21 DAY ADVANTAGE **WP8 APP**

Published app to Windows Phone Store based on favourite TEDx Talk, [Shawn Achor: The happy secret to better work](#)
Featured on Windows Phone Store — over 600 downloads

UW OPEN DATA **C# LIBRARY**

Open-sourced C# portable class library to retrieve JSON data from University of Waterloo's [Open Data API](#)

YOUTUBE SUBSCRIBER **WPF APP**

Developed WPF desktop app to scrape local HTML files of YouTube subscriptions to display, filter and open in browser

2D OGL TIC-TAC-TOE

Created 2D OpenGLUT C++ game with perfect expert level AI

Education

Candidate for Bachelor of Software Engineering, University of Waterloo
2012 – 2016

ARM OPERATING SYSTEM **WLPP COMPILER** **MIPS ASSEMBLER**

Writing OS to run on ARM processor — SE350
Wrote a compiler for a subset of the C++ language — CS241
Created an assembler for the MIPS assembly language — CS241