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
2011 – 2016

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