

ADRIAN Z.K. LEE

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Canadian Citizen

EDUCATION

Bachelor of Engineering (Computer) *McGill University – Montréal, Canada* **Fall 2007-Present**

• Internship Program: Research in Motion (16 months) Exp. Grad Apr 2013

• Courses:

Telecom & Computer Networks	Operating Systems	Parallel Computing
Software Validation	Computer Org & Architecture	Microprocessor Systems

TECHNICAL SKILLS

Languages (years of exp.): Java(3), C(1), C++(1), JavaScript(3), PHP(2), HTML(5)

Database, Tools, Libs: SQL, MongoDB, Redis, Maven, Ant, Node.js, Jasmine, JQuery, BlackBerry WebWorks, PhoneGap

WORK EXPERIENCE

Application Developer Intern – BlackBerry WebWorks **May 2011-Aug 2012**

Research In Motion – Toronto, Canada

- Contributed in developing an SDK allowing developers to build mobile applications using HTML5 with additional JavaScript bindings to native Java/C++ APIs, and deploy them easily across BlackBerry OS Platforms
- Conducted work in three different high performing agile teams within an open source TDD environment
- Designed, implemented and tested various APIs including: Push, File Transfer, Events (Webkit), App Invocation, In-app Payment, Personal Information Manager (Qt)
- Created tooling for packaging mobile applications using Node.js as an CLI application
- Conceptualized and developed an automated JavaScript testing framework in the BlackBerry 10 browser
- Streamlined Continuous Integration & SCM process by optimizing build operations

Web Developer

Dec 2009-May 2011

Students' Society of McGill University (SSMU) – Montréal, Canada

- Collaborated with OOHLALA Mobile to connect students with University events on their mobile devices, by synchronizing OOHLALA with McGill's events calendar
- Developed system which manages LISTSERV Form submissions and generates HTML formatted LISTSERV emails by utilizing an Open-Source Content Management System
- Designed an E-Commerce Website which handles Student Orientation registrations for student organizations
- Designed online submission form for a contest requiring large attachments to be sent to judging panel via email

PROJECTS

Great Canadian Appathon 3 – XMG Studio 48 Hour Coding Competition **Sept 2012**

- Created game using HTML5 Canvas and JavaScript. Deployable to cross-platform mobile device

McGill Code Jam – Morgan Stanley 48 Hour Coding Competition **Nov 2011**

- Successfully created an electronic stock exchange through experimentation (Node.js, MongoDB, D3.js library)
- Integrated Twilio's SMS and Silanis's data snapshot functionality via API service calls

Great Canadian Appathon 2 – XMG Studio 48 Hour Coding Competition **Sept 2011**

- Created a dodge ball Android game, advanced into the top 25. Competed against 150 teams.

McGill Code Jam – Morgan Stanley 48 Hour Coding Competition **Nov 2010**

- Developed Dutch Auction IPO Bidding Java Application which collected bid data through TCP/IP
- Collected bids from multiple client connections simultaneously through use of Threads and Locks
- Bids were collected and stored in a MySQL relational database at a rate of 300 bids per second

Software Engineering Course – Multiplayer Poker Java Application

Fall 2010

Design Principles and Methodologies Course – Robotics Competition

Winter 2010

- Accomplished competition tasks as one of the top seven teams out of eighteen

EXTRACURRICULAR ACTIVITIES

VP IT Exec, Hong Kong Student Association, McGill University **2010-Present**

Developer, The Engineering Network, Engineering Undergraduate Society, McGill University **2012-Present**

Mechanic, The Flats Bike Collective, McGill University **2008-2010**

INTERESTS & HOBBIES

Node.js ♥, Client-side JS Frameworks, Full-stack Web Development, Startups, Linux VPS & PAAS

