Terry T.R. Tong

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Education

McMaster University, Hamilton Ontario   Expected Graduation in 2017
Honors Computer Science (B.A.Sc) Co-Op

Experience and Projects

PhaseOne, President   2016 – Present
Leading the team behind the largest tech club at McMaster, and the hosts of McMaster's only Hackathon DeltaHacks

PointClickCare, Test Automation Engineer Co-Op   2015 - 2016
Created continuous integration jobs on Jenkins that integrated with testrail and the automation framework to delivery daily test results

Refactored an aging search function that is heavily used through out the automation framework, which in turn had a 90% decrease in search time

Developed multi-scenario, multi-page, end to end tests within PointClickCare's web application

Gave multiple educational workshops to developers and QAs, teaching them how to use the automation framework and how to integrate automation into their workflow

PostrBoard.io   2016
Postrboard.io is a fully integrated university club management solution that I designed and developed using Node JS, MongoDB, and AngularJS

HackTheNorth, Every Drop Counts   2015
Every Drop Counts is a hardware and software system aimed to conserve water in a household. The system monitors water usage and automates water conservation through several sensors connected to an Arduino which is then controlled with a Raspberry Pi

Every Drop Counts was a finalist at HackTheNorth 2015 presented by the University of Waterloo

MHacks 6, Job Choice   2015
Job Choice is a Node JS application that utilizes IBM Watson's trade-off analytics with standards of living indexes. It is used to aid in the decision of which offer of employment and location has the best value and living standards.

Job Choice was the recipient of the Best Use of Analytics and Analysis at MHacks 6

HackItMac Executive and Mentor   2014-2016
Mentor for DeltaHacks II, assisted students in web development, deployment on to the cloud, and server environment setup

Logistics leader in planning out McMaster's first hackathon, Delta Hacks

Mentor for HackItMac, teaching students how to develop web applications in Node JS and web development using HTML, CSS, and JavaScript

PointClickCare, Spring MVC Developer Co-Op 2014

Developed business components in Spring MVC, and created report templates using iReports for PointClickCare's web application

Refactored legacy code that was part of the previous J2EE project to make better use of Spring MVC's feature set

Skills

Web development

Meteor, Node JS, Express, Angular, PHP, Spring MVC

OO development

Java, C#

Testing

JUnit, TestRail, Selenium WebDriver, Protractor, PhantomJS