Gerald Ding Resume

Work

Stanford International College

Date: April 2015 – Oct 2015
Employer: Stanford International College
Address: 930 Progress Ave. Scarborough, Ontario, M1G 3T5
Position: Software Engineer
Type: Full Time Contract

Duties
- Designed and built college management system web application, allowing 11 different types of employee to sign in through different levels of permission to manage over 200 activities online
- Transformed the work process at Stanford College by allowing employees to work on the web in a secure environment
- Designed and built college student portal web application, allowing more than 2000 students and alumni to access transcripts, payments, tests and course information on the web. Resulted in more efficient student services and higher student satisfaction
- Automated tasks such as generating reports, sending emails and making calculations on the web. Resulted in reduced manual processes and accurate reporting
- Designed and built mobile friendly college website and inquiry tracking system following search engine optimization principals. Resulted in higher impression, conversion rate and monthly revenue

Technology
The above applications are developed and deployed using Ruby on Rails, AngularJS, PostgreSQL, Github and Heroku.

Sightline Innovation

Date: Oct 2014 – Mar 2015
Address: 344 Westmoreland Ave. N, Toronto, ON, M6H 3A7
Position: Engineering Technologist
Type: Part Time

Duties
- Built real time graphical widgets that monitor intersection traffic data throughout the city
- Refactored device module to produce simple, organized code that allowed widgets in the module to sync in real time
- Led the device team by demonstrating new code structure and helping other team members integrate their widget
- Built dummy data generators to test graphical widgets
- Developed the maps and visualizations application.
- Helped new team members to understand the code structure of the maps and

visualizations module
- Developed user navigation dashboard for traffic monitor system

Technology
The above applications are developed with Javascript, ExtJs, NodeJs and MongoDB

Stanford International College
Date: July 2011 – Sept 2013
Employer: Stanford International College
Address: 930 Progress Ave. Scarborough, Ontario, M1G 3T5
Position: Web Technologist

Duties
- Collaborated with engineer to develop course management, inquiry processing and content management web applications
- Setup and managed website SEO, Google Analytics & paid/unpaid user acquisition
- Created and managed website content for inbound marketing with HTML and CSS
- Maintained web applications and databases
- Created graphics and templates for website

Canadian Forces Army Reserves
Date: Dec 2009 – June 2010
Address: 660 Fleet St, Toronto, ON M5V 1A9
Rank: Private

Duties
- Completed basic military training
- Patrolled armory to detect hostile targets and potential sources of fire
- Guarded platoon weapons
- Led platoon to complete tasks assigned by officers

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<u>Education</u>

App Academy

Date: June 2014 – September 2014
Address: 1061 Market St. San Francisco, CA, 94103
Accreditation: Certificate

Description
App academy is a software engineering course that covers the following topics and technologies through theory and practice.

Topics
- Object-Oriented Design
- Test-Driven Development
- Metaprogramming
- Relational Databases
- HTTP
- APIs and Representational State Transfer
- Object-Relational Mapping
- Model-View-Controller Architecture
- Client-Side Design
- Client-Side Scripting
- Client-Side MVC

Technologies
- Ruby
- Rails
- SQL
- HTML
- CSS
- Javascript
- BackboneJs
- NodeJs
- Git
- Heroku

Western University

Date: September 2011 – April 2015
Address: 1151 Richmond St. London, Ontario, N6A 3K7
Accreditation: Bachelor of Arts

Description

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Majored in business. Taken five computer science courses as electives. Learned technologies such as Java, MatLab, R, VBA , HTML and SQL.

Projects

RN Financial Corporation - 2014
Designed, built and maintained new web application for RN Financial. This application was developed using Ruby on Rails, BackboneJs and PostgreSQL

Data Analysis and Visualization Computer Science Class - 2015
Designed, built and maintained new web application for computer science class. This application allowed the professor to manage course material, tests and assignments. This application was developed using Javascript, HTML and CSS.

Open Avenue - 2015
Developed the user interface of the Open Avenue investment platform using CSS, HTML and Javascript.