VINCENT LI

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Summary:

- Passion for software development with innovative experience using front-end technologies and frameworks including HTML5, Node.js, Backbone.js, Angular.js, Dojo 1.7, and KendoUI
- Firm belief in Gang of Four software design patterns and their proper implementations
- Ranked 3rd out of 24,000 competitors on Fight Code Game, an online JavaScript dueling arena
- Full-stack development of Windows 8 mobile apps for Code Kwondo – A contest run by the Microsoft Developer Movement
- Familiar with RESTful web API in C# .NET, processing data payloads in JSON/XML, extensive experience using ajax, TFS and git source control, as well as Python lang
- Motivated team-player, fast-paced learner, and detail-oriented programmer
- Academic knowledge of backend stacks using SQL, Hadoop, PrestoDB, with Spark and Storm for data analytics and D3.js for data visualization

Experience:

Programmer Analyst (Architecture) | Ontario Teachers' Pension Plan Board | *Internship*
January to May 2014 – September to December, 2014

- Lead new investments dashboard project, coordinating between several teams for deadlines, code shipments, and implementing front-end technologies that are bleeding-edge and reliable
- Lead full-stack application that utilizes D3.js for data visualization, Redis and Node for back-end data pipeline
- Created prototypes throughout the term to test new frameworks that the company could potentially use; of which half were selected and implemented in new projects
- Completed iPad interface upgrades for document and email viewer – designed using Sencha Touch for mobile devices with Java backend
- Created IBM Connections client-side patches on Dojo 1.7 objects, adding browser-detection capabilities and UI upgrades
- Actively contributed to daily scrums and addressed ongoing requirements in an Agile work environment, using TFS and git for source control

First Place | EyeReturn Marketing Big Data Hack-A-Thon | *Participant*
January 25th, 2014

- Dynamically visualized and compared online ads using statistical algorithms to provide advertisement insights based on demographics, viewer info, and areas of high view rates
- Implemented a Kafka spout that streamlines data from Hadoop HDFS as raw data (JSON) into a Storm cloud for data filtering and analysis
- Utilized Storm nodes to filter and parse data which passes into a Jedis object
- Collected data in Jedis pipelines using Node.js into a web app with D3.js for data visualization

Education:

University of Waterloo
Candidate for Bachelor of Mathematics | Class of 2017