Donglin PU

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EDUCATION			
University of Southern California	Los Angeles, CA		2016.05
Master of Science in Computer Science GPA: 3.55 / 4.0			
University of Southampton	Southampton, UK		2013.06
B.S. Computer Science GPA: 3.59 (Evaluated by World Education Services)			

SKILLS

Java, C#, .NET, MSSQL, Azure, PowerShell, NodeJS, HTML/CSS, JavaScript, jQuery, Git, Selenium, FitNesse, Puppet, ElasticSearch, PHP, Python, AngularJS, MongoDB, C, TFS

WORK EXPERIENCE

Veritas Technologies LLC   Sr Software Engineer   San Francisco, CA   2016.06 – Now
● Developed PowerShell, SQL and Puppet scripts to automate deployment and configurations in Azure environment for SQL Reporting Services configuration, reports and subscriptions deployment, database backup and restore to Azure Storge Account, and databases deployment.
● Developed PowerShell scripts using AzureRM module to manage files in Azure Storage and automate the renewal of Shared Access Signatures (SAS) and Stored Access Policy.
● Refactored JavaScript, CSS and C# server code for AdvisorMail website using latest third-party libraries to support modern web browsers.
● Mentored an intern to develop a log search web application, using ElasticSearch and LogStash to automate log gathering and searching; using jQuery DataTable for result display.
● Developed automated website testing code in C# using Selenium and FitNesse.

Veritas (Formerly Symantec)   Intern   Culver City, CA   2015.06 – 2016.05
● Conducted testing for a C# data migration tool.
● Developed and updated SQL scripts, including stored procedures, jobs, operators, security login and users; learned about SQL transactions, indexes, performance improvement and optimization.
● Documented detailed test cases and steps in Microsoft Test Manager.

SchooLinks   Summer Intern   Los Angeles, CA   2015.05 - 2015.06
● Developed PHP unit testing scripts, Python data scraping scripts.
● Developed Admin dashboard with statistics using Google Charts API.

Credit Suisse   Summer Intern   London, UK   2012.06 - 2012.07
● Aimed at replacing Windows XP systems with Win7 in large scale and high efficiency.
● Developed PowerShell scripts to locate target systems by filtering parameters such as region, build status and users, without manually entering computer names, address or asset numbers.
● Aimed at automating the system scheduling process (e.g. system wakeup, shutdown and rebuild).

PROJECT EXPERIENCE

REFERsy.com   Team Leader   2014.08 - 2015.05
● Developed a job referral website using PHP CodeIgniter framework for CSCI577a&b Software Engineering with another 6 students.
● Jobs are retrieved from Indeed.com API and friends' employment information are retrieved from LinkedIn, Facebook and Google+ APIs
● I was the Team Leader and developed the Indeed API controller and the user interface for search and profile pages.

EasyReg - USC Mobile App Competition for Web Registration   2015.02
● http://www.donglinpu.me/easyreg
● Our team participated in the 1-month event and created a multiplatform mobile app using AppGyver Supersonic UI framework, Angular.js, FullCalendar and jQuery UI.

Microsoft Open Hack 2015   http://ftd.herokuapp.com   2015.01
● Teamed up with another 3 classmates and built a web app that shares updates to Weibo, Facebook and Twitter with translation and drag-drop feature.
● I came up with this idea, developed the server in NodeJS and implemented the login, posts retrieval and posts publishing functions of Weibo and Twitter.

Google Map Multiple Waypoints Extension   2014.11
● Code available on https://github.com/Dongminator/GoogleMapMultiWaypoints
● Created a JavaScript function during HackSC to work around the limit that Google Map API only allows a maximum of 8 waypoints for each route request.
● Splits waypoints into multiple routes and links the routes segments together.

A location based web app for travel experience sharing   Southampton, UK
Supervisor: Dr. Thanassis Tiropanis   2012.09 - 2013.05
 ● Available on http://routes.donglinpu.me
 ● The final year project allows users to share travel routes on Google Map.
 ● Routes generated automatically based on geographical information of photos from Facebook and
   photos arranged in chronological order on each route.

CV management tool   http://comp3001-team-f.appspot.com   Sep 2012 – Jan 2013
 ● Developed a web application for managing CV contents and CVs.
 ● CVs for different jobs updated automatically once the user makes any changes.
 ● Successfully completed the project with other 6 students.
 ● My participation was to come up with the idea and develop the database system.