Di Sheng

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EDUCATION

New York Institute of Technology, Old Westbury, NY
Master of Science in Computer Science (2016, GPA 4.0/4.0)

University of Toronto, Department of Chemical Engineering, Toronto, Canada
Bachelor of Applied Science and Engineering (2013)

Seneca College, Department of Information & Communication Technology, Toronto, Canada
Studied in the Department of Information & Communication Technology (2008)

COMPUTER SKILLS

Programming Languages and Frameworks: Ruby on Rails, ReactJS, Rspec, BootStrap, JavaScript, HTML, CSS/SASS, Java, C, Ruby, Shell Script(Powershell/Bash), Assembly Language, SQLite/PostgreSQL, Socket Programming, Git, VB
Software: Vim, ClearCase, Atlassian JIRA and Confluence, Salesforce, CodeWarrior, Visual Studio, Docker, BeEF, Metasploit, KACE, MatLab, AutoCAD, Aspen Plus, Adobe Premiere Pro CS6, MS Office, MS Project
Operating Systems: Linux (Fedora/Ubuntu/Kali), Windows OS, Windows Server 2003/2008
Certificates: Completion of HTML/SASS, Ruby, Ruby on Rails, Java, JavaScript courses on CodeAcademy

EXPERIENCE

Test Engineer   August 2016 – Present
Zebra Technologies, Holtsville, NY
- Prepare and execute Quality Assurance test plans, automation test scripts and schedules for new product
- Ensure version control of all test objects, update QA test execution status as a part of routine test status updates
- Research and document details of errors in report-process immediately upon discovering problems

Programmer Intern   January 2016 – May 2016
Kalki Consulting LLC, New York City, NY
- Developed PowerShell script with UI which can automatically install selected software remotely
- Developed Ruby script and Rails App with CRUD and API interface to automate daily infrastructure inspection such as ping test and E-mail server inspection, then post report to an JIRA/Confluence page through RESTful API
- Developed PowerShell script to generate Active Directory and Exchange Server reports, which were utilized by IT department for Windows Server 2003 management
- Designed a questionnaire website (*https://info.kalkiconsulting.com/ratemyit*) which integrated with Salesforce API to generate leads in database and response by different E-mail template based on the user's score
- Customized an open source Rails phishing APP Phishing-Frenzy and deployed on AWS EC2 instance, which is utilized to test the security sensitivities of clients' employees. (*http://ec2-52-202-247-20.compute-1.amazonaws.com/admins/sign_in*)

Research Assistant   September 2015 – December 2015
New York Institute of Technology, Old Westbury, NY
- Proposed a conceptual homomorphic encryption design implemented on cloud based health-care datastore
- Enabled directly cloud side operation on encrypted patients' data without decryption
- Enhanced understanding of various encrypting systems and concepts in information security field

Ruby on Rails Project   May 2015 – September 2015
Independent Project, available at https://jbanalytical.herokuapp.com/
- Provided variety of functions including user authentication,email notification, picture and comment posting.
- Utilized Bootstrap, JavaScript and several RubyGems to optimize UI
- Implemented a full set of testing scripts to ensure functions worked as designed

Website Developer   May 2014 – September 2014
JB Analytical Inc., Syosset, NY
- Performed XHTML and CSS coding, prepared and uploaded multimedia files onto website
- Managed and maintained the website, including checking, testing and updating information regularly
- Worked collaboratively with others to provide online customer service and technical support

Programming Design Project, Project Leader   January 2009 – May 2009
Computer Programming Design Course, University of Toronto
- Rebuilt the game AddEmUp under C environment with an additional artificial intelligence game play mode
- Demonstrated leadership skills in the design team, assigned individual tasks to team members to efficiently manage project
- Utilized pointer, array, and file I/O in coding. Provided functionality including loading/creating game board, score counting, human and computer playability