SALMAN SYED

519-580-7115 • sa5syed@uwaterloo.ca

EDUCATION

UNIVERSITY OF WATERLOO
B.SE. in Software Engineering
Expected April 2018
Waterloo, ON

UNIVERSITY OF WATERLOO
B.S. in Life Sciences (switched out)
September 2012 - December 2013
Waterloo, ON

SKILLS

LANGUAGES
Python • Java • JavaScript • HTML
JSP • CSS • C/C++ • SQL • XPath •
MATLAB

FRAMEWORKS
Django • Node.js • Express.js • jQuery
AngularJS • Bootstrap • Jersey • JUnit
Scrapy • Pygame

TOOLS
MongoDB • SQLite • Android Studio
Git • Eclipse • Vim • Visual Studio

COURSEWORK

- Operating Systems
- Algorithms
- Data Structures and Data Management
- Foundations of Sequential Programs
- Software Engineering Principles
- Logic and Computation

AWARDS

2013 - Faculty of Science Dean's Honours List
2013 - Faculty of Science Dean's Honours List
2012 - Dominic DiDomizio Scholarship
2012 - Top 25% in Canada for Euclid Mathematics Contest
2012 - Top 25% in Canada for Hypatia Mathematics Contest

EXPERIENCE

CONNECTED LAB INC | Software Engineer
May 2016 - August 2016 | Toronto, ON
- Led a team of 3 developers in integrating the main Android application with customized Bluetooth Low Energy beacons
- Designed application to periodically scan for and communicate with nearby beacons and store beacon data in SQLite database
- Implemented frontend and backend logic to enable users to efficiently search and filter for beacon data

ORACLE CORPORATION | Software Developer
September 2015 - December 2015 | Toronto, ON
- Developed, tested, and maintained multiple Oracle Marketing Cloud web applications currently present in the marketplace
- Implemented applications to handle leads from Eloqua's REST API, render the webpage, and faciliate communication with third-party APIs
- Developed various unit tests using JUnit in order to maximize code coverage
- Implementation in JSP/CSS/jQuery (frontend) and Java/Jersey (backend) using WebLogic servers

EVERTZ MICROSYSTEMS LTD. | Software Design Engineer
January 2015 - April 2015 | Burlington, ON
- Designed and developed expansion of Python JSON-RPC API for the DreamCatcher Replay System based off of client specifications
- Provided extensive test coverage for the API using Python and Bash scripts

FGF BRANDS | IT Support
May 2014 - August 2014 | Concord, ON
- Provided extensive technical support to users on site and remotely
- Assisted in the planning and coordination of distributing a variety of software

RELATED PROJECTS

TEACHSPHERE
- Won first place at the ASN Open Data Challenge Hackathon hosted by D2L and Canada's ODX
- Built social platform for Ontario teachers to share professional insights and best practices regarding the curriculum
- Technologies used: AngularJS, Node.js, Express.js, MongoDB

NBA ENGINE
- Developed Django application which allows users to find the latest information and stats about NBA players in a more convenient and simplified manner
- Integrated YouTube Data API to enable updates of player highlight videos
- Built REST API to allow access to player data via token authentication
- Technologies used: jQuery, Django, Memcached, Scrapy, SQLite

LEARNSEARCH
- Built web application which enables users to search for open online courses and tutorials of leading educational organizations from a single source
- Organizations currently included: Udacity, KhanAcademy, Udemy, Coursera
- Technologies used: AngularJS, Node.js, Express.js, MongoDB

More projects available at https://github.com/sahmadsyed