

Siraj Rauff

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PROJECTS	Project Manager – Engineering Capstone Project	Sep 2015 - Present
	<ul style="list-style-type: none">• Applied the Agile Development methodology with weekly SCRUM meetings to allow for timely deliverables and accountability.• Used Microsoft Word, Excel and Project to create organized and informative status reports and budget documents.• Utilized collaborative software including GitHub and Office 365.• Negotiated with department heads regarding resource allocation and maintained contact to ensure requests were followed through.	
	Migration of Staff Applications to Web (C++ and Visual Prolog)	Mar 2015 – Present
	<ul style="list-style-type: none">• Recreated C++/Visual Prolog programs as web applications using jQuery to allow end-users to connect without the use of virtualization software.• Utilized Atlassian Confluence and FishEye for collaborative development and documentation.• Communicated with other departments throughout the development process to ensure programs met clients' needs.	
EXPERIENCE	OEN (Ontario Education Number) Web Service	Jan 2015 – Feb 2015
	<ul style="list-style-type: none">• Collaborated with the Ontario Ministry of Education to develop an application to verify government student data against university records.• Developed the application in Java using the JDBC API + Oracle 11g to access/store student information and the Apache Axis2 engine for SOAP functionality.• Validated over 95% of students automatically through different combinational attempts, saving months of work hours relative to manual validation methods.	
	Full Stack Web Developer/Java and SQL Programmer	Aug 2014 – Present
	<i>Student Information Systems (SIS), York University</i> <ul style="list-style-type: none">• Working as part of a team developing Java/C++ programs and Web Applications in a UNIX environment.• Making use of CVS/SVN + Atlassian FishEye for versioning and collaboration, Atlassian Confluence for documentation, and BMC Remedy for ticket management.• Using SQL to create/modify procedures, functions, tables and reports in order to provide clients with requested information as well as automatically sort and process information received by the University.	
	Helpdesk Assistant	Aug 2013 – Aug 2014
	<i>University Information Technology (UIT), York University</i> <ul style="list-style-type: none">• Provided front-line support for computer, network and account management to students and faculty through email, phone, online chat and in person.• Supervised computer labs, maintaining and troubleshooting lab equipment.• Used problem solving skills and critical thinking to diagnose and fix email, software and virtualization issues with clients' computers on a variety of operating systems.	

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EDUCATION	B.Eng., Spec. Hons. Software Engineering <i>York University, Toronto</i>	Expected April 2017
	<ul style="list-style-type: none">• Project Manager for Engineering Capstone Project Fall 2015 - Winter 2016, creating a Virtual Reality Garden aimed at low-mobility individuals.• Collaborated with a team using software including GitHub and Bugzilla to develop a Java program to translate ASCII guitar tablatures to PDF music sheets.• Software Engineering Representative on the York Engineering Society for Fall 2013.• Winner of the 2012 Murphy's Cup: worked as part of a team to design and build a robot to autonomously navigate an obstacle course in the shortest period of time.	
ADDITIONAL SKILLS	Documentation/Project Management Tools	Microsoft Office Suite, Atlassian FishEye/Confluence, Slack, Google Docs, Basecamp, TeXworks and Remedy IT Suite
	Languages/Notations	C/C++, Java, CSS/HTML/XML, JavaScript/jQuery, JSON/AJAX, Event-B, LaTeX, MIPS, Bash/Python, SQL (Oracle 9i,11g; DB2), Verilog, WebObjects/Wonder Framework
	Operating Systems	Linux, Windows, OS X, iOS, Android
	Development Tools	Android Studio, Eclipse, EiffelStudio, SQL Developer, Visual Studio
	Version Control Systems	Git, CVS, SVN
	Programs	Citrix Receiver, Oracle VirtualBox, PTC Creo, Moneris POS