

# Shoabe Shariff

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## Education:

### Bachelor of Engineering & Management (B. Eng. & Mgmt.)

Expected to complete April 2014

McMaster University

Hamilton, Ontario

- Currently enrolled in level four of a five year program, Electrical Engineering & Management: A combined degree option including all Electrical Engineering courses as well as the core Commerce courses
- *Engineering courses of qualification include:* Circuits and Systems, Data Structures and Algorithms, Electromagnetics, Electronic Devices and Circuits, Logic Design, Signals and Systems
- *Commerce courses of qualification include:* Finance, Financial Accounting, Managerial Accounting, Marketing, Organizational Behaviour

## Professional Experience:

### Lead Backend Developer

Apr 2012 – Sept 2012

Glooko/Xtreme Labs Inc.

San Francisco, California

- Led the backend server development of an mHealth application designed to help and encourage diabetics to better manage their lifestyle
- Focused on building core features for Web while managing a secure flow of data between the server, iOS, and Android devices
- Designed and implemented a payment scheme, integrated with Amazon, PayPal and Apple, for users to securely register for monthly, semi-annual, or annual subscriptions
- Developed a strong technical background in Django/Python stack and SVN control
- Worked closely with Pivotal Tracker, a project management tool to effectively define and organize tasks and respective timelines

### Agile Engineer

May 2011 – Sept 2011

Xtreme Labs Inc.

Toronto, Ontario

- Effectively worked in a team-driven agile environment to develop mobile applications
- Gained valuable experience working with the Facebook Graph API in addition to integrating the Facebook SDK with several mobile applications for well established companies
- Led a team of engineers to architect and implement major bug fixes on iOS, BlackBerry and Web applications

### Lead Basketball Referee

Oct 2005 – Present

Mississauga Monarchs Basketball Association

Mississauga, Ontario

- Demonstrated consistent leadership and professionalism by controlling weekly basketball sessions for high school students as part of the MMBA house league program
- Participate annually in a Special Olympics Basketball Invitational tournament in Toronto

### Math Tutor

Sept 2007 – July 2008

Kumon Learning Centre

Mississauga, Ontario

- Worked patiently with challenged, average, and gifted students to overcome their weaknesses and excel in their strengths in mathematics
- Learned to emphasize confidence and persistence to keep students motivated and maximize productivity through promoting a fun and encouraging environment

## Technical Competencies

- Fluent in various programming languages, including Python, Java, C, Ruby, HTML5 and CSS3
- Familiar working with different web frameworks, such as Django, Rails, and Sinatra
- Proficient in writing scripts in Python, MATLAB and Maple mathematical computing software
- Experienced working with electrical circuit analytical tools, such as multimeters and oscilloscopes
- Adept knowledge of FPGA and schematic design software, such as Quartus II and PSpice

## Extracurricular Experience:

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### Active Student Member

Sept 2009 - Present

*Engineers Without Borders (EWB)*

*McMaster University, Hamilton, Ontario*

- Facilitated several open-discussion workshops to educate students on global issues pertaining to poverty and relating aid
- Displayed initiative in taking a leadership role to help raise over \$1000 for earthquake victims in Haiti and Pakistan

### Freelance Developer

Nov 2011 – Present

- Assembled a team of students to develop and deliver multiple products for clients
- Effectively worked with various clients from start to finish to ensure smooth product delivery through the practice of agile and test driven development
- Gained valuable experience in product design, architecture, technical scoping, and quality assurance
- Effectively demonstrated ability to multi-task efficiently and pay close attention to detail through juggling multiple projects
- Strengthened core technical skills working with HTML5, CSS3, and Ruby on Rails
- Gained additional experience using Git for version control

## Activities and Interests:

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- Enjoy participating in business competitions and coding hack-a-thons
- Participate in recreational sports, such as basketball, soccer, and football
- Student member of PEO (Professional Engineers Ontario)
- Annual participant in MEC (McMaster Engineering Competition)