

# Moustafa Aly

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## EDUCATION

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### University of Toronto, Bachelors of Applied Science – Computer Engineering

*Expected Graduation: April 2018*

- Concentration in Software
- 3.43 CGPA

## SKILLS

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### High-Level Programming

C++, C#

### Low-Level Programming

C, Assembly Language

### Hardware Description Language

Verilog HDL

### Version Control Software

SVN, Git, Perforce

### Scripting Language

Shell

### Markup Language

XAML (Novice)

### Foreign Language

Arabic (fluent) and French (Elementary Proficiency)

### Communications

Tutoring, presentations, technical reports, Microsoft Office Suite

## EXPERIENCE

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Software Internship, Arnocular-Toronto, Canada

*May 2015-September 2015*

### Software Developer

- Writing Shell Scripts to maintain web data using Amazon cloud servers and setting up Cron Jobs to automatically execute them at specified intervals
- Included pulling and pushing using Rsync, coding C++ executables which dealt with data parsing and maintaining logs of data submissions

Chief Technology Officer, Kinometry, The Entrepreneurship Hatchery-Toronto, Canada

*May 2015- September 2015*

### Software Developer

- Programming the Kinect Sensor (C#) to track body movements and using it to create a smart mirror which aids with exercising
- Using the provided API from Microsoft, able to extract data from the frames received and calculate required measurements
- Provide instant feedback to the user on the screen through indicative markers and labels
- Helped with pitching the business model to connectors and Hatchery Executives

IT trainee, ABSONS IT SOLUTIONS & EQUIPMENTS L.L.C-Abu Dhabi, UAE

*May 2014-June 2014*

### IT Trainee

- Worked as part of a team which handled IT configurations at a governmental project
- Setup employees' computers and connected them to the server
- Registered the employees to the system and configured their access cards
- Solved system issues which arose during the support period

## VOLUNTEERING/ACTIVITIES

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- **Soccer:** Defender for the Engineering Team
- **Middle Eastern Students' Association:** VP Finance

*Sep 2013 – Present*

*Sep 2015 – Present*