

# ANDY KWOK

 andy.kwok@uwaterloo.ca

 416 268 2818

 andzykwok.me



## SKILLS SUMMARY

### DEVELOPMENT

- C#, C++, ARM Assembly, VHDL and Turing
- Java and Android Development
- HTML, CSS and jQuery
- Eclipse and Xcode IDEs
- Brackets and Notepad++ editors
- Visual Basic Scripting and creating Batch files

### APPLICABLE

- FTP and SSH Environments
- Microsoft Word, PowerPoint and Excel
- Matlab
- Photoshop, Pixlr, Inkscape and Google Sketch
- Fluent in speaking Cantonese

Possess strong problem solving, logical thinking and decision-making skills along with attention to detail.

Excellent team player and effective communicator.

Great leadership skills proven through previous teaching and co-op work experiences.



## WORK EXPERIENCE

### ONTARIO MINISTRY OF THE ATTORNEY GENERAL

Toronto, Ontario

May 2014 - August 2014

### AMOS ENTERPRISES LIMITED WWW.AMOS.COM.HK

Sha Tin, Hong Kong

July 2011 - August 2011

### SYSTEMS SUPPORT OFFICER

Provided tier 2 support for software and hardware used by over 400 staff.

Created VBScripts and batch files to automate various tasks.

Efficiently migrated data from old hardware to new computers and servers.

### ENGINEERING INTERN, CO-OP

International Co-operative Experience in Hong Kong organized by the Toronto District School Board.

AMOS is a technology company focused on Electric Vehicle Charging Solutions, NFC and Automation Control.

Designed Outer Shell of Electric Vehicle Charger with the use of Google Sketch. Experienced prototyping process along with waterproof testing.

Assembled circuit boards for medical devices.

Debugged websites and iOS applications.

### SPIRIT OF MATH SCHOOLS

Toronto, Ontario

September 2009 - June 2013

### ASSISTANT TEACHER

Assisted teachers in an enriched afterschool math program.

Worked one-on-one or in small groups with struggling students.

Communicated with parents about students' performance and attendance.



## PROJECTS

### PERSONAL WEBSITE

May 2014 - Present

**GITHUB ID: ANDZYKWOK, VISIT FOR MORE INFO AND PROJECTS**

### PLEASE VISIT - WWW.ANDZYKWOK.ME

Developed with self-taught HTML, CSS and jQuery skills.

Hosted with the use of Github.

### ANDRIOD DEVELOPMENT

January 2014 - April 2014

### COMPASS AND MAPPING APPLICATION

Developed during the first year Embedded Systems course.

This is a step counter that tracks the direction and number of steps a user has taken. Provides a route from one point to another for certain maps.

Data is taken from the device's sensors with the use of the Android API.

## VOLUNTEERING EXPERIENCE

### **ENGINEERS WITHOUT BORDERS, UNIVERSITY OF WATERLOO**

Waterloo, Ontario  
Fall 2013

### **STRATEGY TEAM MEMBER**

Weekly meetings to discuss engineering problems and world issues.  
Responsible for managing EWB's Twitter and Facebook accounts.  
Provided support for other EWB teams during their events.  
Designed and constructed EWB's bulletin board.

### **SUNNYBROOK HOSPITAL, ST. JOHN'S REHAB**

Toronto, Ontario  
September 2010 - June 2013

### **MEAL TRAY DELIVERY VOLUNTEER**

Delivered and collected meal trays to patients during dinnertime.  
Interacted with patients, families, staff and other volunteers.  
Responsible from welcoming and training new volunteers.

## EDUCATION

### **UNIVERSITY OF WATERLOO**

Waterloo, Ontario  
September 2013 - Present

### **CANDIDATE FOR BACHELOR OF APPLIED SCIENCE IN COMPUTER ENGINEERING, CO-OP PROGRAM**

Relevant Courses: Fundamentals of Programming, Algorithms & Data Structures, Digital Computers and Embedded Systems

## AWARDS

### **UNIVERSITY OF WATERLOO**

September 2013

### **MERIT SCHOLARSHIP**

For an admission average above 90%.

### **ONTARIO MINISTRY OF CITIZENSHIP AND IMMIGRATION**

June 2013

### **ONTARIO VOLUNTEER SERVICE AWARD**

For the outstanding volunteer work done at Sunnybrook Hospital, St. John's Rehab branch.

### **TORONTO DISTRICT SCHOOL BOARD**

June 2013

### **ONTARIO SCHOLAR**

For academic achievement during graduating year.

## EXTRACURRICULAR ACTIVITIES AND INTERESTS

### **SOCCER**

2009 - 2012 High School Soccer Team  
2010 - 2012 Youth Certified Referee, Canadian  
and Ontario Soccer Associations  
2004 - 2010 Unionville Milliken Soccer Club,  
CSL Level IV (Regional Level)

### **HOCKEY**

February 2014 Intramural Hockey Team, University of  
Waterloo  
2008 - 2010 Scarborough Coyotes Hockey Club,  
Competitive Single 'A'

### **SENECA SUMMER CAMPS**

July 2010 Leader in Training,  
Created and led activities for  
children of various age groups.

### **OTHER ACTIVITIES**

March 2010 Bronze Medallion, Lifesaving Society  
October 2009 Level 8 Piano, Royal Conservatory of  
Music  
September 2003 Black Belt 1st Degree, John's Tae  
Kwan Do

### **INTERESTS**

Enjoy reading Flipboard's technology magazine and following technology blogs such as CNET and the Verge.  
Enjoy viewing websites that highlight stunning UI designs, such as "Dribbble.com" and Beautiful Pixels.