

# ANDY KWOK



EMAIL: andy.kwok@uwaterloo.ca



SITE: andyzykwok.me



GITHUB: andyzykwok



## SKILLS SUMMARY

### DEVELOPMENT

- PHP, HTML, CSS, MySQL, JavaScript, jQuery & AJAX
- C#, C++, C, ARM Assembly and VHDL
- Java and Android Development
- Visual Basic Scripting and creating Batch files

### APPLICABLE

- Windows, Mac and Linux Environments
- Git and SVN Source Control
- FTP and SSH Environments
- MATLAB, Photoshop and Google Sketch

Possess strong problem solving, logical thinking and decision-making skills along with attention to detail.  
Excellent team player and effective communicator proven through work experiences.



## WORK EXPERIENCE

### HUBNEST INC.

**WWW.HUBNEST.COM**

Toronto, Ontario

January 2015 - April 2015

September 2015 - December 2015

### DEVELOPER

Hubnest provides creative web development services for their clients.

Built front-end and back-end systems for client websites.

Worked with PHP, HTML, CSS, MySQL and Vanilla JS.

Worked with the WordPress platform, the TCPDF library and Google Maps, MailChimp and Constant Contact APIs.

### ONTARIO MINISTRY OF THE ATTORNEY GENERAL

Toronto, Ontario

May 2014 - August 2014

### 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.

### AMOS ENTERPRISES LIMITED

**WWW.AMOS.COM.HK**

Sha Tin, Hong Kong

July 2011 - August 2011

### ENGINEERING INTERN

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

AMOS is focused on Electric Vehicle Charging Solutions.

Designed Outer Shell of Electric Vehicle Charger with the use of Google SketchUp & experienced prototyping process along with waterproof testing. Assembled circuit boards and 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 regarding students' performance & attendance.



## PROJECTS

### PERSONAL WEBSITE

May 2014 - Present

### PLEASE VISIT ANDYZYKWOK.ME

Developed with HTML, CSS and Vanilla JavaScript.

### HUBNEST PROJECTS

January 2015 - April 2015

September 2015 - December 2015

### INTEGRA HEALTH CENTRE, INTEGRAHEALTHCENTRE.COM

Solely developed, from the front-end aspect to the WordPress back-end.

### WOMEN IN PAYMENTS, WOMENINPAYMENTS.ORG

Developed front-end aspects and some elements for a custom CMS backend.

### NEW YORK LANGUAGE CENTER, NYLANGUAGECENTER.COM

Developed front-end aspect and some WordPress back-end components.

### VAUGHN COLLEGE, VAUGHN.EDU

Worked on both front-end and back-end components throughout the site.

## ANDRIOD DEVELOPMENT

January 2014 - April 2014

## COMPASS AND MAPPING APPLICATION

Developed during a first year Embedded Systems course.

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



## 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 for 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 in 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'

### 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

### SENECA SUMMER CAMPS

July 2010

Leader in Training,

Created and led activities for children  
of various age groups.

### OTHER INTERESTS

Enjoy following technology blogs such as the Verge.

Enjoy viewing websites that highlight stunning UI designs, such as "Dribbble.com" and Beautiful Pixels.

Enjoy travelling and learning about different cultures and have been to many places around the world.