

Ahmed Elkady

2B Computer Engineering

Unit 1603, Richmond Square 1
300 Regina Street North
Waterloo, ON
N2J 3B8



+1-226-201-1015



aelkady@uwaterloo.ca



ece.uwaterloo.ca/~aelkady

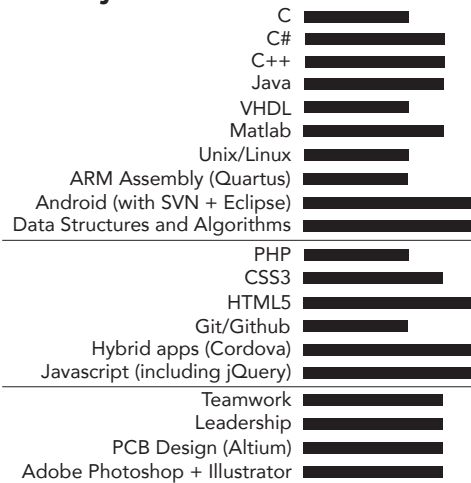


fb.com/ahmednelkady



linkedin.com/in/ahmednelkady

Summary of Qualifications:



University
Courses

learnt
through

Co-op Work
Terms

Extracurricular
University Activities

Employment

IT Intern CGG, Singapore Jan. - April 2014

- Developed and programmed hybrid mobile applications using Phonegap and Cordova tools
- Created several internal company apps from scratch which allowed people to keep track of their seismic processing jobs as well as enabling them to access other company files and emails
- Wrote PHP in order to synchronize application, settings and file updates with the company servers
- Created a comprehensive file browser for the Android version of the hybrid applications
- Investigated the uses of tapes in the seismic industry, and concluded that they were too costly to maintain and recommended that old seismic data be transferred to newer storage technologies
- Installed, programmed and ran tests on the Intel Xeon Phi Co-processor using C++, in order to test its ability to speed up and work in parallel with the CPU and speed up seismic processing jobs

Electrical Eng. Intern Promarman Oils & Fats, Kuala Lumpur, Malaysia May - Aug. 2013

- Worked on maintaining and establishing the email servers for the company
- Designed and developed the company website, learning HTML, Javascript, and CSS in the process
- Worked on establishing the VPN network for the company, familiarizing myself with scripting

Activities and Awards

Participant Midnight Sun Solar Car "Rayce" Team, University of Waterloo, ON Aug. 2013 - present

- Worked on debugging the Chaos circuit board through LEDs
- Learnt how to use Altium and understood the fundamentals of PCB circuit design

Eng. Int'l Student Scholarship/Grant University of Waterloo, ON Aug. 2012

President's Scholarship University of Waterloo, ON Aug. 2012

Education

Waterloo, ON University of Waterloo Sept. 2012 - present

- Candidate for Bachelor of Applied Science in Computer Engineering. CGPA: 3.9. Last Class Rank: 2nd of 63
- Courses: Operating Systems, Algorithms and Data Structures, Embedded Microprocessor Systems, Electronic Circuits, and Digital Computers
- Created several Android applications, including one which, using a preloaded map, was able to draw a path between two points on the map which didn't hit any obstacles and could track your movements

Leadership Experience

Semi-Formal Director Eng. Society, University of Waterloo, ON Jan - April 2013

- Directed the engineering semi-formal through selling tickets and advertising the event
- Collaborated with a small team of directors to book the venue and prepare the budget
- Co-ordinated the logistics of a 200-person event, including organizing the menu and decorations

Academic Representative University of Waterloo, ON Sept. 2012 - present

- Elected by the class to meet with professors and the ECE department to give feedback about classes
- Communicated with classmates to deliver their concerns and issues to the professors.
- Created a Facebook group for our class in order to improve inter-personal communication and to provide a forum to discuss class-related issues and to enhance everyone's educational experience