

Education

2016 - Present

Ottawa, Ontario

BASc Software Engineering (GPA: 3.7 [A-])

University of Ottawa

- IEEE Volunteer
- DECA business competition (www.2016.deca.ca)

2012 - 2016

Ottawa, Ontario

Ontario Secondary School (Gifted Program)

Lisgar Collegiate Institute

- Founder of the Lisgar Engineering Club
- DECA business competition

Technical Skills

HTML, CSS and Javascript:

- Designed a responsive web page for a business pitch competition (www.uzer.ca)

PHP and SQL

- Created a daily calorie intake web application

C++

- Built a 2D graphics desktop game using the Allegro game library

C#

- Incorporated Dijkstra's algorithm in order for an Arduino robot to find the most efficient path in an obstacle course challenge

Java

- Created a 2D desktop game called Gate Keeper ([www.github.com/AmarJ/Gate-Keeper](https://github.com/AmarJ/Gate-Keeper))

Python

- Created functions that solved complex mathematical/computer programming problems from ProjectEuler.net

Web servers

- Configured an Apache HTTP web server on a Raspberry Pi mini computer and ran a daily calorie intake web application on it

Work Experience

2015 - Present

Ottawa, Ontario

Front Desk Associate

Embassy West Senior Living (retirement home)

- Learned to work effectively under pressure when residents had heart attacks, strokes, and falls. Followed emergency procedures and worked with nurses to get residents to the hospital as soon as possible
- Acquired good time-management skills while keeping track and reminding residents of their appointments and medical visits
- Developed strong communication skills by greeting visitors and answering questions from family members and residents

2015 - Present

Ottawa, Ontario

Assistant Coach

Ottawa Titans Waterpolo Club (Junior league)

- Developed strong leadership skills by organizing and coordinating water polo team practices and physical workouts
- Mentored athletes by teaching new techniques and assisting in skill development
- Worked with the head coach to create a plan of action to achieve the team's objectives for the season

Languages

English (native proficiency)

French (professional proficiency, DELF B2)

Spanish (elementary proficiency)

Volunteering

2016 - Present

Head of Lego Robotics division

IEEE Ottawa Robotics Competition

- Supervised six volunteers and determined the team's tasks for this year's upcoming competition
- Coordinated and led team meetings
- Communicated in a professional manner by email with supervisors, volunteers, and participants

2015 - 2016

Founder of Lisgar's Engineering Club

Lisgar Collegiate Institute

- Organized Lisgar's first Arduino Robotics team that competed at the Ottawa Robotics Competition
- Acquired funding from the school to purchase two Arduino robots for the club
- Arranged for the CTO of a medical devices company to come in as a guest speaker and share his knowledge and expertise in the field of computer science and biomedical engineering to the Engineering club

2014 - 2015

Competition Judge

IEEE Ottawa Robotics Competition

- Monitored and graded the design, execution and written reports of Lego NXT robot teams

Awards and Achievements

1st Place at University of Ottawa Software Engineering Startup Pitch Competition (11/2016)

University of Ottawa

- Uzer app (www.uzer.ca) was judged by a panel of three startup CEOs from the L-SPARK accelerator program (www.l-spark.com)
- Uzer is a Wi-Fi sharing application that lets home owners and business owners monetize their Wi-Fi (<https://github.com/uzerapp/uzerapp.github.io>)

Deloitte Change-maker Scholarship (06/2016)

Deloitte Canada

University of Ottawa admission Scholarship (02/2016)

University of Ottawa

Interests

Player on Waterpolo Team

University of Ottawa

Lisgar Improv Team

Bronze at Canadian Improv Games (Citywide) performed at National Arts Center in front of 300+ people

Scuba Diving

PADI Advanced Open Water Scuba Diving Certification