

Zayn Jameel Abbas

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EDUCATION

UNIVERSITY OF GUELPH

BACHELOR OF COMPUTING,
SPECIALIZATION IN SOFTWARE
ENGINEERING; MINOR IN
MATHEMATICS

Expected Graduation April 2023 |
Guelph, ON

Program GPA: 3.7

Accumulative GPA: 3

SECONDARY SCHOOL

COLONEL BY SECONDARY SCHOOL

Grad. June 2016 | Ottawa, ON

Honor Role all four years

COURSEWORK -

UNDERGRADUATE

RELEVANT COURSES

Programming • Intermediate

Programming

Software Design I • II • III

Technical Report Writing • Software

Engineering • Mobile Computing

VOLUNTEER | CLUBS

SOCIETY OF COMPUTING AND
INFORMATION SCIENCE

- Second Year Representative

GUELPH CODING COMMUNITY

- Active Member

SKILLS

PROGRAMMING

Java • C • HTML • React Native •

JavaScript • Python • Flutter

QUALIFICATIONS

Standard First Aid Instructor •

National Lifeguard Instructor •

Emergency First Aid Instructor •

Aquatic Supervisor Certification •

Swim Instructor • National Lifeguard

Qualification • Lifesaving Instructor

PERSONAL SKILLS

Leadership • Organization • Team

Work • Interpersonal skills

PROGRAMMING EXPERIENCE

WEBSITE DESIGN | WEB DESIGNER

August 2020 | Guelph, ON

- Created a business website for a Goostoe Contracting.
- Self taught HTML skills to build desktop and mobile friendly website.

PROGRAMMING EXPERIENCE

C PROGRAMMING

- Three years experience coding in C
- Experience in creating and implementing data structures.

JAVA PROGRAMMING

- Two years experience coding in Java.
- Developed Java programming skills relating to object oriented programming.

REACT NATIVE AND JAVASCRIPT

- Self taught JavaScript programming skills to understand the basic skills needed to develop a mobile/web application using React Native.

CURRENT EMPLOYMENT POSITIONS

UNIVERSITY OF GUELPH | UNDERGRADUATE RESEARCH ASSISTANT

2021 May - present | Guelph, ON

- Assisting Professor Stacy Scott from the School of Computer Science at the University of Guelph.
- Conducted research on the current state of the art use of Machine Learning to detect and improve animal welfare in the Precision Livestock Farming field.
- Currently writing a Systematic Literature Review on the Application of Machine Vision to Outdoor Livestock Monitoring.

UNIVERSITY OF GUELPH | AQUATICS SUPERVISOR, SWIM

INSTRUCTOR, LEADERSHIP INSTRUCTOR

2018 - Present | Guelph, ON

- Performed administrative tasks; checking chemicals in the pool, monitoring and supervising lessons, ensuring employee qualifications are up to date.
- Taught various levels of swimming lessons, as well as leadership courses; National Lifeguard, Standard First Aid, Emergency First Aid, Bronze level courses.

WORK HISTORY

YMCA-YWCA OF THREE RIVERS | TEAM MENTOR, SWIM

LEADERSHIP INSTRUCTOR, LIFEGUARD

2018 - Present | Guelph, ON

MARLINS SWIM ACADEMY | SUPERVISOR, SWIM COACH

2019 - 2020 | Guelph, ON

CITY OF GUELPH | DECK SUPERVISOR, SWIM INSTRUCTOR, LIFEGUARD,
LEADERSHIP INSTRUCTOR

2017 - 2020 | Guelph, ON

CITY OF OTTAWA | SWIM INSTRUCTOR, LIFEGUARD

2015 - 2017 | Ottawa, ON