

# Mohammed Almabhouh

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## EDUCATION

### University Of Western Ontario

London, Ontario

#### Bachelor's of Engineering in Software Engineering

- Related Coursework: Algorithms and Data Structures, Digital Logic Systems, Scripting Programming Language, Software Design, Software Construction, Statistics and Application, Discrete Mathematics.

## EXPERIENCE

### Campus Creative

London, Ontario

#### Web Designing Coop

Oct 2021- Jan 2022

- Used WordPress to develop and manage websites, including theme customization, plugin configuration, and content management to meet specific business needs, resulting in a 70% increase in website traffic
- Operated 3D printers to design and produce prototypes, optimizing settings for precision and material efficiency while troubleshooting hardware and software issues to maintain smooth functionality
- Created 3D animations and enhanced visuals using Photoshop, integrating detailed textures and effects to produce high-quality, visually appealing designs

### Ameerz-Agent Proxy

London, Ontario

#### Developer

Ongoing

- Collaborating with a team of 5 developers to design and build a comprehensive driving course aimed at helping over 20 million international tourists annually reduce their car rental insurance costs by up to 15-20% through mastering Canadian road conditions, driving rules, and safety standards.
- Utilizing Java, HTML, and JavaScript to create an interactive platform projected to handle 100,000+ users in its first year, providing tourists with a seamless learning experience that equips them to navigate Canadian roads confidently.
- Contributing to a course designed to reduce the number of accidents involving tourists by an estimated 25%, while enhancing road safety and lowering stress levels associated with driving in a new country.
- Gaining hands-on experience in solving high-impact, real-world challenges and contributing to a scalable solution projected to benefit both tourists and the \$12 billion car rental industry in Canada.

## PROJECTS

### Photographic Translator

London, Ontario

#### Team Lead

Jan 2024- April 2024

- Developed a photographic translator for visually impaired users, utilizing OCR technology and a Raspberry Pi, which improved accessibility to elliptical machines by 70% and enhanced user engagement through accurate, spoken feedback
- Utilized a 3D printer to design and produce a custom stand for a camera, ensuring optimal stability and functionality for various shooting angles
- Employed Onshape to design a camera stand with exact measurements, resulting in a precisely fitted and highly functional custom solution
- Coordinated and assigned specific tasks to each team member, ensuring efficient project execution and optimal use of individual strengths

## ACTIVITIES, LEADERSHIP AND CERTIFICATIONS

### Drug Awareness and Prevention Association

London, Ontario

#### VP Technology

Sept 2024- Present

- applied skills in website management, online platform administration, and technical troubleshooting to enhance the club's digital infrastructure and member engagement

#### Coding Team

London, Ontario

*Co-Founder*

*Oct 2022- Jan 2023*

- Formed an organization of 20+ members and served as a mentor and motivator
- Delivered lessons to teach members about different ways to tackle coding challenges

**Google Cyber Security**

**London, Ontario**

*Certifications*

*March 2024-Present*

- Recognize core skills and knowledge needed to become a cybersecurity analyst
- Examine how organizations use security frameworks and controls to protect business operations
- Understand how to secure a network against intrusion tactics