

## Walter Karabin

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### SKILLS AND ATTRIBUTES

- Java, JavaScript, HTML5, CSS
- Python, C++, C#, C, GLSL
- AWS, MySQL, Git
- Leader
- Adaptable
- Design Thinking Process

### SOFTWARE DEVELOPMENT EXPERIENCE

**Developer, HR.com, Georgina, ON** (May 2022-Jan 2023)

- Learned proprietary language to write code and complete tasks in online coding environment
- Adapted to work environment by learning and utilizing various programming languages for any necessary task
- Collaborated with sales team to design and implement new features on our custom CRM
- Successfully enriched and acquired new customer information by integrating 3<sup>rd</sup> party APIs
- Addressed and promptly fixed bugs and tickets using Asana for task management

**VR controlled Robotic Arm** (2021)

- Team lead of development, software and hardware
- Programmed an Arduino Uno in C/C++ to control servos of a robotic arm
- Designed a VR environment in Unreal Engine where users controlled the arm

**Battery Zapper, PC game** (2022)

- Self-directed project coded in C# with Unity game engine
- Coded custom shaders for textures and effects in GLSL
- Trello organizational software allowed for easy tracking and completion of tasks

**SwingMan, PC game** (2019)

- Worked effectively in a group to create an endless side scroller
- Assigned tasks to team members for effective use of skills
- Coded in C++ using the Visual Studio IDE
- Implemented SDL2 libraries for drawing images to the screen
- Utilized Photoshop & Illustrator to create art for the game's appearance

### EDUCATION

**BASc, Computer Engineering, Queen's University, Kingston, ON** (2017-2022)

- Relevant courses: Software Development, Object Oriented Programming, Human-Computer Interaction, Information Structures, Software Specifications, Database Management Systems, Design Thinking, Engineering Design & Practice
- \$2000 Excellence Scholarship Queen's University (2017)

**St. Andrew's College, Aurora, ON** (2013-2017)

### LEADERSHIP EXPERIENCE

**Varsity Athlete, Captain, MVP, Queen's Football** (2017-2022)

- Balanced a full Engineering course load with a rigorous 40+ hour training schedule

- Provided a clear and open dialogue between players and coaches, planned and organized team events, and worked with athletics to build a better student athlete experience as Head of the Unity Council
- Represented the voices of all defensive players with regards to dialogue and play scheming with coaches as captain on the defence
- Spoke with football recruits and formed a rapport to share my experiences in football, school, and life at Queen's University as a Representative/Recruiter for Queen's Football

***Student Leader, St. Andrew's College*** (2013-2017)

- Deputy Head Prefect
- Cadet Sgt. Maj., commander of Green Star Company
- Team captain, 1<sup>st</sup> Football & 1<sup>st</sup> Rugby

## **PROFESSIONAL EXPERIENCE**

***Operator & Labourer, Gravel Driveway Services*** (summer of 2021)

- Operated heavy machinery to build and sculpt professional gravel driveways for clients in southern Ontario

***Independent Contractor, Karabin Design Build*** (summers of 2019 and 2020)

- Worked on multiple projects performing numerous tasks including framing, cable & network installation, landscaping, and heavy machinery operation

***Grass Cutting Crew, Joe Karabin Property Maintenance*** (summers of 2015-2018)

- Operated vehicles and machinery, such as lawn mowers, tractors, excavators, weed whackers, and blowers

## **ADDITIONAL EXPERIENCE**

- Macdonald Medal Recipient & Athlete of the Year, St. Andrew's College
- Fortnite Esports player, Queen's University (2020)
- Acting
  - Several productions including LOVE, Grease, Oliver, RACE, Midsummers Night's Dream, 12 Angry Men
  - Stage fighting skills: Hand-to-hand combat, Rapier fencing
- Avid Chef