**Walter Karabin**

647-526-1221; [walter.karabin@gmail.com](mailto:walter.karabin@gmail.com); [http://walterkarabin.com](http://walterkarabin.com/)

<https://www.linkedin.com/in/walter-karabin/> <https://github.com/walterkarabin>

**SKILLS AND ATTRIBUTES**

* Java, JavaScript, HTML5, CSS, Angular, NodeJS, Bootstrap
* Python, C++, C#, C, GLSL
* AWS, MySQL, Git, MongoDB
* Linux, Windows, MacOS
* Leader
* Adaptable
* Design Thinking Process
* Problem Solver

**SOFTWARE DEVELOPMENT EXPERIENCE**

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

* Lead daily team discussions to help team members with debugging issues
* Built a compiler that translates code into modern typescript from a proprietary language
* Proficient in various AWS services to facilitate server setup, data transfer, etc. (EC2, S3, RDS, Route 53, IAM)
* Mentor and coach team members 1 on 1, over 100 hours (May 2024 to present)
* Build multiple processes and workflows to optimize developer/testing team integration (Asana)
* Develop comprehensive documentation to streamline onboarding for developers
* Lead project with the sales team to conceptualize, design, and implement innovative features on a custom CRM

***Developer, Caldwell Recognition,*** *Mississauga, ON*(August 2023-July 2024)

* Developed a custom plugin to automate updates for imported products.
* Employed PHP to implement logical processes for checkout and cart functionalities.
* Engineered customized logic for presenting information to registered users and visitors.

***Developer, Karabin Design Build,*** *King City, ON*(May 2023-Present)

* Develop a custom Web App for internal accountability using Angular, NodeJS, and MongoDB
* Integrate application with 3rd party APIs such as OpenAI, Harvest, Google, etc.

**RELEVANT PROJECTS**

***VR controlled Robotic Arm*** (2021, Queen’s University)

* 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)

* 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, Queen’s University)

* Built an endless side scroller game
* Coded in C++ using the Visual Studio IDE
* Integration of 3rd party libraries for drawing images to the screen (SDL2)
* Art design, using 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
* Head of the Unity Council, 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
* 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
* Lou Bruce Recipient, Most Outstanding Defensive Player 2021
* Johnny Evans Recipient, Most Valuable Player 2022

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

* Deputy Head Prefect
* Cadet Sgt. Maj., commander of Green Star Company
* Team captain and MVP, 1st Football (‘16) & 1st Rugby (‘16 & ‘17)
* Athlete of the year, 2017
* Mark Oliver Trophy, presented to the person making the largest contribution to rugby over his career, 2017

**OTHER PROFESSIONAL EXPERIENCE**

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

* Operated heavy machinery (Excavator, Skid-Steer loader) 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 tasks including framing, cable & network installation, landscaping, demolition, window installation, excavation, and heavy machinery operation

***Maintenance & Lawn Care Crew, Joe Karabin Property Maintenance*** (summers of 2015-2018)

* Operated vehicles and machinery, such as lawn mowers, tractors, excavators, trimmers, and blowers providing clients with the highest quality maintenance and care

**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