

Luca Galati

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Experience

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| Junior Software Engineer | First Mile Technologies | 05/2022 Present |
| <ul style="list-style-type: none">• Took initiative and spearheaded multiple important software/firmware projects simultaneously• Learned how to develop highly scalable, multi-threaded and asynchronous network socket applications in Python• Learned to design and configure modular Linux based devices capable of hosting a high speed bonded wireless connection for remote applications.• Developed an SQL based database system to better observe the company's debtors in Python• Designed UI/UX design for a new sector of the company that is currently being fabricated | | |
| Web Developer | QWEB | 09/2022 Present |
| <ul style="list-style-type: none">• Member of Queens Web Development Club where I learned essential web development technologies• Expected to develop client projects in a team of 4 members during the winter term• HTML, Javascript, CSS, React.js, Node.js, SQL, Rest APIs | | |
| Lead Developer | Next Generation of Medical Simulation Hackathon | 03/2021 |
| <ul style="list-style-type: none">• Conceptualized and developed a VR phlebotomy simulation to aid in healthcare training• Learned the basics of Unity development software and led a team of 4 in the design, development, and presentation of the software. Kept the team on track in order to complete the project in less than 24 hours | | |
| Mentor | Queen's COMPSA | 2021 2022 |
| <ul style="list-style-type: none">• Acted as a source of information and support for first year computing students• Working with other mentors to organize social events for the first year students• Building communication and learning skills in a remote, and group environment | | |

Projects

Local Logins

- A text-based password manager. The program supports the basic and necessary features of a password manager; allowing you to add, delete, edit and display login information. The program stores all necessary data locally on your computer for easy access.
- Made With: Java, Linked Lists

QBNB

- Worked in a team, following the SCRUM model to develop a working clone of 'Airbnb'. This clone has all the key features of 'Airbnb', teaching me how to work with SQL databases, docker, HTML, CSS and many software quality & assurance practices.
- Made With: Python, HTML, CSS, Docker, SQL

Simple Search Engine

- Developed a simple search engine that can search given data files. When given a query, the program determines which web pages are most relevant and returns them in a browser-like structure; the first result is the most relevant data file.
- Made With: Python, AVL Trees, Max Heaps, Priority Queues

Education

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|--|-----------------------------|--------------------|
| Kingston, Ontario | Queen's University | 2020 2024 |
| <ul style="list-style-type: none">• BS in Computer Science, Honours. GPA: 3.7• Placed on the Dean's List | | |
| Bolton, Ontario | St. Michael's C.S.S. | 2016 2020 |
| <ul style="list-style-type: none">• OSSD, with high distinction (over 90% average) Computer Science Award: highest grade in class, at 100% | | |

Skills

Technical Skills

- Skills: Java, Python, Bash, C, Swift, HTML, CSS, SQL, Git, Unity, MATLAB, Selenium, Docker, REST API, Hardware, Algorithm Design, MS Sharepoint, Computer Architecture, Databases, SCRUM, Networking, Web Technologies, Data Structures, Object-Oriented Design, Web Scraping, Agile Development, Unit Testing, Multithreaded programming, Visual Studio Code, UI/UX Design
- Operating Systems: MacOS, Windows, Linux, OpenWrt, Raspberry Pi OS

Soft Skills

- Leadership, Willing to Learn, Critical Thinker, Time management, Communication, Teamwork, Problem solving