

# Gianluca Piccirillo



gianluca.piccirillo@mail.mcgill.ca



(514) 583-0042



Laval, Canada



gianluicapiccirillo.com



linkedin.com/in/gianluca-piccirillo10



GitHub.com/GianlucaP106



## EDUCATION

### Software Engineering Co-Op

McGill University

2021 - Present

### Science Program

Marianopolis College

2019-2021



## PROJECTS & COMPETITIONS

### Lia : A Memory Aid Assistant (Project) (10/2021 - 11/2021)

- Full stack application to serve as an assistant for people with memory loss by interpreting questions and relaying answers back to the user using artificial intelligence.
- Won Best Health Hack at NewHacks 2021, University of Toronto.
- DevPost: [devpost.com/software/lia](https://devpost.com/software/lia).

### PictoDocReader : A PDF Image Locator (Project) (01/2022 - 02/2022)

- Full stack development of a software to locate images within PDFs.
- Won Best Education Hack at McHacks 9, McGill University.
- DevPost: [devpost.com/software/pictoreader](https://devpost.com/software/pictoreader).

### PharmaHacks 2022 (Project) (02/2022 - 03/2022)

- Machine learning models to predict the diagnosis of disease based on presence of bacteria in the gut microbiome.



## SKILLS

### Programming/Scripting languages

Java, Python, JavaScript & TypeScript, C, ARM Assembly, HTML, CSS, SQL, Bash & ZSH (Unix command lines)

### Libraries, Frameworks

Spring Framework (Spring: Security, Data JPA, Web, GraphQL, OAuth2 Authorization Server, OAuth2 Resource & Client, Azure Support, Spring for Apache Kafka), OAuth, NodeJs, Prisma ORM, Apollo Server and client ExpressJs, NextJs, ReactJs, Material UI, Tailwind

### Systems, Platforms and Tools

Github, Git, Microsoft Azure, Docker, VSCode, IntelliJ, MacOS, Linux, PostgreSQL, MySQL, MongoDB, Github Actions, Kubernetes fundamentals

### Concepts and other Technologies

Software architecture, Application security, workflow and pipeline management, REST, GraphQL, Ethical Hacking & Cybersecurity fundamentals, Web service penetration testing fundamentals



## EXPERIENCE

2023

### Full Stack Developer at Intact Financial Corporation

Learning outcomes: Full stack development on enterprise applications, Spring, Angular, Jenkins, Oracle DB, Liquibase, SQL, Agile development.

2022

### IAM Cybersecurity Intern at CGI Inc.

Learning outcomes: General cyber security, security and access control models, IAM concepts and technologies, Microsoft Azure, Azure Active Directory, IAM automation, ethical hacking basics (training), SQL and Docker. Developed a service offer and a proof of concept for automating IAM processes.

2022

### Co-founder and CTO at DevPro Media ([devpromedia.com](https://devpromedia.com))

DevPro media is a Software development , Web development and marketing firm. Learning and development outcomes: Full stack development, deployment and management. Microsoft Azure, Vercel.

2022

### Web Developer at Voysis IP Solutions

Learning and development outcomes: Web development and deployment with Vercel, NextJs, ReactJs, use of server-less function with Vercel.

2022

### Tomlinson Engagement Award for Mentoring

Teaching assistance for Digital Logic (ECSE-222) at McGill University.

2022

### Full stack blockchain developer at DDC NFT

Learning and development outcomes: Full stack development and deployment with HostGator, Vue.js and Nuxt.js, Solidity, ethers.js/web3.js, blockchain technology (Ethereum).