Gianluca Piccirillo

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BIO

Software engineering student with a demonstrated history of working in the Computer Software industry. Skilled in full stack development, programming in many languages, and cybersecurity. Bachelors degree in engineering at McGill university.

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 artifical intelligence.
- Won Best Health Hack at NewHacks 2021, University of Toronto.
- DevPost: 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.

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

Python, Java, JavaScript, Solidity, C, C#, HTML, CSS, SQL, Bash

Libraries, Frameworks

Node, Express Next, React, Nuxt, Vue, Mongoose, MondoDB, ether.js/ web3.js, OpenZepplin, Bootstrap & Bulma, SpringBoot

Systems

MacOS, Linux

Concepts and other technologies

Git/Github, UML, VS/VSCode, REST architecture, API implementation, Ethical Hacking Basics, Docker

EDUCATION

Software Engineering Co-Op
McGill University
2021 - Present

Science Program
Marianopolis College
2019-2021

EXPERIENCE

2022
IAM Cybersecurity Intern at CGI
Learning outcomes: Cyber security basics, security and access control models, IAM concepts and technologies, AWS IAM, Microsoft Azure, IAM automation, ethical hacking basics, sql and docker. Developed a service offer and a proof of concept for automating IAM processes.

2022
Full stack blockchain developer at Dauntless Dolphins NFT dauntlessdolphins.com
Learning and development outcomes: Full stack development and deployment with HostGator, Vue.js and Nuxt.js, Solidity, ethers.js/web3.js, blockchain technology (Ethereum).

2022
Web Developer at Voysis IP Solutions
Developed and deployed: goingvoip.com
Learning and development outcomes: Web development and deployment with Vercel, Next.js, React.js, use of serverless function with vercel.

2022
Co-founder and Lead developer at DevPro Media (devpromedia.com)
DevPro media is a Web development and marketing firm.
Learning and development outcomes: Full stack development, deployment and management, Next.js, MongoDB, React.js.

2022
Tomlinson Engagement Award for Mentoring
Teaching assistance for Digital Logic (ECSE-222)