

## ARIA GOMES

98 Pallister Private Nepean, ON K2G 0E8

aria.gomes00@gmail.com | (613) 981-1315

ariagomes.com | linkedin.com/in/aria-gomes | github.com/AriaGomes

### OBJECTIVE

Enthusiastic Computer Science graduate eager to contribute to team success through hard work, determination, and attention to detail. A clear understanding of fundamental programming concepts and trained in solving problems efficiently and creatively. Motivated to learn, grow, and improve upon established programming concepts.

### SKILLS & ABILITIES

**Programming Languages:** Java (SE & EE), Python, SQL (PostgreSQL & MySQL), C# (.NET), JavaScript, HTML & CSS, PHP, C (ANSI), C++, Assembly, Bash, Batch.

**Knowledge:** Basic Networking Concepts, Big-O, Operating Systems, Embedded Systems, iOS & Android, Software Design & Testing, Databases, Mathematics

**Soft Skills:** Collaborating as a group and working individually with little direction, Analyzing data effectively and solving problems creatively with critical thinking. Desire to learn and research topics, ask questions on improving, and be open-minded to peers' criticism. Time management skills to organize work and be a reliable member of the team.

**Languages:** Fluent English, intermediate level French and Portuguese.

**Development Tools:** Visual Studio 2019 Enterprise, Visual Studio Code, JetBrains IDE Suite, Arduino IDE, QNX Momentics IDE, NetBeans IDE, Eclipse IDE, Unity Game Engine, Git, Docker, MongoDB, WSL/Linux, Node.js, React, ESLint, Selenium, PuTTY/SSH, VMWare/VirtualBox, Yarn, Postman.

### EXPERIENCE

Junior Developer

August 2022 – Current

*Superna Inc*

- Scalable solution to manage, protect and secure petabytes of data
- Tasks: Develop UI & Back-end handlers, Troubleshooting, Develop mock-ups, Code solutions based on requirements, Research new developments, Perform code reviews, contribute & collaborate with different teams to meet sprint goals, Identify risks and bugs in codebase

Technical Support Representative

February 2022 – August 2022

*Barracuda Networks*

- Worldwide IT security company focusing on enterprise applications
- Tasks: Diagnosing, Troubleshooting, Customer Contact, Processing RMA's, Installing new hardware, Malware removal, Data backups, System configuration

## ACHIEVEMENTS AND CERTIFICATIONS

- September 2018 – December 2021: Dean's Honours List (GPA: 3.8 overall)
- September 2012 – June 2018: Information & Communications Technology Specialist High Skills Major

## EDUCATION

Ontario College Advanced Diploma

September 2018 - December 2021

*Algonquin College of Applied Arts and Technology*

- Deans Honours List; GPA 3.8/4.0.
- Coursework Completed: C Language (ANSI C), Database (PostgreSQL), Interfacing (C/C++), Compilers (ANSI C), Real-Time Programming (C/C++), Processor Architecture (Assembly), Java Application Programming (Java SE), Web Enterprise Applications (Java EE), Object-Oriented Programming (Java SE), .NET Enterprise Application Development (C#), Game Programming (C#), Operating Systems Fundamentals (Linux).

## PROJECTS

Discover black hairstylists & barbers

December 2020 – December 2021

*Afroguide.ca*

- Platform for users to easily discover hairstylists & barbers who cater to black hair. Users can book appointments and rate stylists. Stylists can use the platform to expose their skills to new users.
- The application uses ReactJS and Material UI for the front-end elements, NextJS and react-router-dom for routing pages, Google API with react-places-autocomplete for geolocation, autocomplete and location data.
- Tasks: Adding/Editing JavaScript code to redesign the front end, adding new features to enhance the user experience, Collaboration via GitHub, Meeting the client's requests on weekly sprints, Writing a technical report about the development of the project.

Linux shell inside Discord

December 2021

*DiscordShell*

- Runs any Linux shell command inside of a Discord text channel.
- The Application uses node.js and discord.js to execute and connect with discord's API. `child_process` is used to pipe commands to the shell and pipe the output back as a discord message.
- Application was written in a few hours and was made for fun and learning how to make a docker container with my applications.

## HOBBIES AND INTERESTS

Automation, Docker, IoT, Machine Learning, and home lab/self-hosting.

**References available upon request**