Michael Garner

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Dorval, Qc
Tel. * Phone number available on request *
email: HarveyMichaelGarner@hotmail.com
website: *https://mikeg3.github.io/Resume-V2.0/*
GitHub: *https://github.com/MikeG3*
Languages: English/French

EDUCATION

Software Engineering (B. Eng)   **Completed 2022**
CONCORDIA UNIVERSITY
Montreal, Québec

Automated Systems Electro-mechanics (DEP)   **Completed 2008**
ROSEMONT TECHNOLOGY CENTER
Rosemont, Québec

High School Diploma   **Completed 2003**
PLACE CARTIER
Beaconsfield, Québec

PROFESSIONAL EXPERIENCE

Software Consultant   **2022-Present**
VICTRIX SOLUTIONS INC
Montreal, Québec

- Specialized in Microsoft Power Platform and SharePoint delivering customized solutions to clients' business needs
- Currently undergoing training with Microsoft Co-Piolot to leverage AI in productivity and automation solutions
- Participated in the O-Studio team, contributing to the Microsoft Power Platform and Dynamics 365 development
- Collaborated with business stakeholders to modernize systems, automate workflows and improve organizational performance

Software Developer   **2022-2024**
BENEVA (Contract - Victrix Solutions Inc)
Montreal, Québec

- Participated in a large-scale migration project following the merger of SSQ and LaCapitale to form Beneva
- Wrote PowerShell scripts to streamline migration processes and ensure data integrity
- Developed SharePoint sites and automated workflows to enhance team collaboration and automate manual processes
- Trained employees on new systems and tools, enabling a smooth transition during the migration
- Executed automated migration software, including ShareGate, to ensure accurate and efficient data migration
- Developed and maintained Business Process Management Systems (BPMS)
- Developed and maintained Customer Relationship Management (CRM) platforms
- Collaborated with stakeholders to optimize Microsoft tools for maximizing organizational productivity
- Explored and assessed the potential of Microsoft Viva products and presented solutions to upper management

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Full Stack Software Engineer 2021-2022

X Guard Security (Automated pet door contract)

Montreal, Québec

- Developed an AI based object detection software system to control an automated pet door
- Programmed inputs and outputs of a Raspberry Pi, including a camera, motion detector, door locks and nighttime light
- Ensured precise timing and logic flow of door control and lights
- Connected to the system to an online network for real-time monitoring and control
- Delivered video feed and system feedback to both a web app and a mobile app
- Provided remote access to door control using the web app and mobile app
- Provided full documentation of each aspect of the system
- Led the project presentation with my team to stakeholders, utilizing an AGILE approach for planning, iteration and delivery
- Contributed to general programming tasks related to system functionality and network synchronization

Business Owner **2015-PRESENT**

PLATINUM AUDIO

Lachine, Québec

- Responsible for all aspects and daily management of the business
- Repair and refurbishment of electronic equipment
- Sales and marketing
- Client communication and customer relations
- Testing and quality control testing
- Purchasing of parts and components

CTO 2016-2018

MINI SAFARI

Ottawa, Ontario

- Responsible for the purchasing and maintenance of all electronic and mechanical equipment
- On site repair of all equipment
- Product and component selection and purchasing
- Creating and carrying out planned maintenance of all equipment
- Testing and quality assurance of all equipment
- Designing, assembling and testing prototype equipment

Assistant Supervisor & Technician 2009-2016

TRANSTRONIC INC

Dorval, Québec

- Responsible for the production of all new equipment
- Assembly, testing and repair of used equipment
- Aid in engineering solutions and technical development of new and old products
- Selection and purchasing of components and obsolete component replacement

Software Languages Knowledge & Experience

GITHUB: **https://github.com/MikeG3**

Projects:
Migration project
Object Detection - Automated Door System

Advanced: **Java, Python, C++, HTML, PowerShell**
Good: **Javascript, C, CSS**
Framilliar: **Ruby, NodeJS, TypeScript**
Other: **PowerPlatform (Power BI, Power Apps, Power Automate), SharePoint, ShareGate, Flask, Django, React Native, OpenCv**

Map application with React Native
Web crawler
Data Indexer for Information Search & Retrieval
Backend compiler (Object oriented language)
Web based online shop
Web design & 2d animation
PDI controlled elevator
PLC Programming of electro-mechanical equipment

Advanced Areas of Expertise:

Compiler Design, Information Search and Retrieval, Software Architecture, Application Development, AGILE, Databases, Networking & Communication, Software Testing and Quality Assurance

ACHIEVEMENTS

Canadian Robotics Competition – 2007 Archemedia champions

ACTIVITIES AND INTERESTS

Music
Guitar
Electronics
Fitness & Calisthenics

Kayaking
Hiking
Camping & outdoors

References available upon request