

Michael Garner

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website: <https://mikeg3.github.io/Resume-V2.0/>

GitHub: <https://github.com/MikeG3>

Languages: English/French

EDUCATION

Software Engineering (B. Eng)

CONCORDIA UNIVERSITY

Montreal, Québec

Completed 2022

Automated Systems Electro-mechanics (DEP)

ROSEMONT TECHNOLOGY CENTER

Rosemont, Québec

Completed 2008

High School Diploma

PLACE CARTIER

Beaconsfield, Québec

Completed 2003

PROFESSIONAL EXPERIENCE

Software Consultant

VICTRIX SOLUTIONS INC

Montreal, Québec

2022-Present

- Specialized in Microsoft Power Platform and SharePoint delivering customized solutions to clients' business needs
- Completed training in Microsoft Office 365, Power Platform, SharePoint and SPFX (SharePoint framework)
- Completed training in Microsoft Copilot Studio to leverage AI in productivity and automation solutions
- Prototyped HR chatbots using Microsoft Copilot Studio as an internal project and potential client-facing solution
- Trained and certified in AI levels 1 and 2 of ChatGPT: Artificial Intelligence Revealed
- 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

BENEVA (Contract - Victrix Solutions Inc)

Montreal, Québec

2022-2024

- 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
- Executed automated migration software, including ShareGate, to ensure accurate and efficient data migration
- Developed SharePoint sites and Power Automate workflows to enhance team collaboration and automate manual processes
- Trained employees on new systems and tools, enabling a smooth transition during the migration, including M365 applications
- Trained and guided employees on Microsoft Copilot integration into M365 applications
- Kept up to date with new Microsoft tools and software and assessed integration into the company

- Developed and implemented an automated triage system for new Microsoft tools and updates
- 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
- Participated in SAFe agile framework for project management and delivery

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 using Python scripts
- Connected to the system to an online network for real-time monitoring and control using Python and Linux O/S
- Designed and Implemented an SQL database for all system data pipelines and model training
- Delivered video feed and system feedback to both a web app and a mobile app with HTML, JavaScript and GO
- 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

MICHAEL GARNER TECHNICAL SERVICES & PLATINUM AUDIO

Lachine, Québec

- Responsible for all aspects and daily management of the business
- Repair and refurbishment of electronic equipment
- Consulted clients on web development and web site design and functionality
- Designed, developed and deployed personal websites and client websites using HTML, CSS and JavaScript
- Sales and marketing
- Client communication and customer relations
- Testing and quality control testing
- Purchasing of parts, components and equipment

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

Technical Support Agent

2007-2008

STELPRO

St-Bruno-de-Montarville, Québec

- Responsible for troubleshooting and providing technical solutions to clients and other company employees
- Assessed client's needs and evaluated which products best applied to their application
- Performed heat loss calculations to evaluate the heating power consumption needed for clients
- Assessed all technical criteria for implementation of electrical heating systems
- Supplied the company's distributors with pricing and availability on all parts
- Created and supplied all technical documentation as required
- Assessed and organized on-site repairs and supplied technical advice

Electro-Mechanic Technician

2007

ELANTECH

St-Laurent, Québec

- Responsible for entire assembly of custom and standard shrink wrap machines
- Metal work, including cutting, machining and welding of metal parts
- Assembling and connecting all wiring and electrical connections
- Optimizing electronic controller programs for the most efficient and functional system operation
- On-site assembly, installation and fine tuning of equipment
- In house and on-site testing and quality control of equipment
- In house and on-site repairs, maintenance and refurbishment of equipment
- Ensured cleanliness and organization of tools, materials and equipment in the working area

Sales Representative

2005-2006

EQUINOX

Montreal, Québec

- Establish and maintain relationship with clients
- Present products and evaluate them to clients based on their needs
- Work with the sales team to optimize marketing strategies
- Establish and finalize sales orders with clients

Software Languages Knowledge & Experience

GITHUB: <https://github.com/MikeG3>

Advanced: **Java, Python, C++, HTML, PowerShell**
Good: **JavaScript, C, C#, .NET, CSS**
Familiar: **Ruby, NodeJS, TypeScript, GO**
Other: **M365, D365, PowerPlatform (Power BI, Power Apps, Power Automate, Copilot Studio - Power Virtual Agent), SharePoint, ShareGate, Copilot, Flask, Django, React Native, OpenCv**

Operating Systems: **Windows (3.1, 95, 98, 2000, XP, Vista, 7, 8, 10, 11), Linux (Debian, Ubuntu), iOS, DOS**

Software projects:
SharePoint & Microsoft migration project
SharePoint development and consulting
Power Platform development and consulting
Object Detection & Automated Door System
Map application with React Native
Web crawler with Java and JSoup
Data Indexer for Information Search & Retrieval
Backend compiler with Java (for an Object Oriented Program)
Web based online shop with Python and Django
Web design & 2d animation with HTML, CSS and JS
PDI controlled elevator
PLC Programming of electro-mechanical equipment
Flash drive programming using Assembly code

Advanced Areas of Expertise:

Compiler Design, Information Search and Retrieval, Software Architecture, Application Development, AGILE, Databases, Networking & Communication, Software Testing and Quality Assurance, Microsoft Support and Development for M365 & D365 including Power Platform and Copilot

ACHIEVEMENTS

Canadian Robotics Competition – 2007 Archemedia champions

ACTIVITIES AND INTERESTS

Music & Guitar
Electronics
Fitness & Calisthenics

Kayaking
Hiking
Camping & outdoors

References available upon request