

# WILLIAM YU

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QA Automation Developer | Test Automation, API Testing | QA Analyst | Embedded QA |

514-690-6078 | [William\\_y@outlook.com](mailto:William_y@outlook.com)

Greater Montreal, QC, CA | LinkedIn: [linkedin.com/in/william-qa](https://www.linkedin.com/in/william-qa)

Portfolio: [Portfolio](#) | [William Yu QA Portfolio](#)

## PROFESSIONAL SUMMARY

Accomplished QA Automation Developer with 10+ years of experience delivering scalable testing solutions, primarily in the automotive and music tech sectors. Expertise in leading test strategy, enhancing automation frameworks, and optimizing CI/CD pipelines. Adept at cross-functional collaboration, Agile methodologies, and ensuring software reliability through robust test coverage and performance validation.

## WORK EXPERIENCE

### QA Analyst

Cerence AI, Montreal | 2025 – Present

- Prepare, maintain and deploy the customer profile.
- Execute deployment testing, validating and troubleshooting integration issues.
- Collaborated with customer manager teams to ensure smooth production release

### Automation QA Developer

Touchtunes, Inc., Montreal | 2023 – 2025

- Designed, improved, and maintained CI/CD pipelines using Python-based frameworks (Pytest, Robot Framework).
- Developed and executed comprehensive end-to-end backend automation and performance tests for mobile apps.
- Collaborated with DevOps and development teams in an Agile environment to ensure smooth production releases.

### QA Analyst

Cerence (formerly Nuance Automotive), Montreal | 2014 – 2022

- Led QA strategy to enhance test coverage and efficiency for Microsoft Azure-based automotive AI systems.
- Created test plans, developed automation scripts, executed functional/system tests, and maintained detailed bug logs.
- Streamlined QA workflows and automation coverage, increased delivery speed and improved system stability.

## Software Project Manager

Brother Systems Technology, Inc., Hangzhou, China | 2011 – 2013

- Managed full project life cycles, aligning with business goals to support strategic growth.
- Coordinated teams across departments, ensuring timely and budget-aligned delivery.

## EDUCATION

Bachelor of Computer Science, Jilin University, China | 2001

AEC – Web Programming, Vanier College, Montreal | 2014

## TECHNICAL SKILLS

**Languages:** Python, SQL, JavaScript

**Frameworks:** Pytest, Robot Framework

**Tools & Platforms:** Jenkins, GitHub, Docker, Postman, Linux

**Testing:** Automation, Performance Testing, Load Testing

## PROFESSIONAL DEVELOPMENT

Python Programming Language – John Abbott College, Montreal | 2018

Weekly French Language Classes in the workplace – Touchtunes, Montreal | 2024–2005