

SANDZHI-GARIA OCHIROV

Toronto, ON, Canada

☎ [+14372241774](tel:+14372241774)

✉ sandzhi.garia@gmail.com

🌐 [sandzhigaria](#)

CAREER OBJECTIVE

Passionate about Electrical Engineering with experience in digital system design, electronic circuit analysis, and project development using tools such as Quartus II, MultiSIM, and Arduino. Proficient in basic AutoCAD. Currently expanding my expertise in Python with a focus on Machine Learning. Eager to contribute my skills to innovative engineering projects while continuously advancing in cutting-edge technologies.

WORK EXPERIENCE

LASTH

Apr 2022 – Apr 2023

QA Engineer Trainee (Remotely)

Sunnyvale, CA, USA

- Analyzed user/business requirements, functional specifications, and use case documents, ensuring alignment with project goals.
- Contributed to the creation of Test Plans and Strategies, driving comprehensive testing coverage and reducing testing time by 20%.
- Wrote complex SQL queries to retrieve and validate data, enhancing testing accuracy and efficiency.
- Developed and executed automated tests using Selenium WebDriver for Smoke & Regression leading to the discovery of 15 critical defects.
- Created and maintained detailed test documentation, improving team collaboration and transparency.
- Reported and tracked defects in Jira, ensuring timely resolution and effective communication with developers to meet sprint deadlines and deliverables.

PROJECTS

CPR Assistance Device | Arduino IDE

- Developed firmware in C for an Arduino-based infant CPR assistance device, collaborating with a multidisciplinary team of 5. Designed and implemented embedded system features for real-time feedback on compression depth and rhythm to support effective CPR performance.

GoBrief (Web App) | JavaScript, Java, AWS, MySQL

- Developed and executed automation scripts using Selenium WebDriver, resulting in a 20% reduction in testing time and improved test coverage.
- Performed Manual & API testing via Postman, leading to discovery of severe defects.

EDUCATION

Toronto Metropolitan University

Sept 2023 - Now

Bachelor Degree: Electrical Engineering **GPA: 3.57/4.33.**

Toronto, ON, Canada

Ottawa University

Sept 2021 - Apr 2022

Bachelor Degree: Electrical Engineering **GPA: 2.9/4.33.**

Ottawa, ON, Canada

TECHNICAL SKILLS

Technologies/Tools: AutoCAD, MultiSIM, MATLAB, Quartus II, Jira, Postman, Selenium WebDriver

Programming: Python, C, VHDL, SQL, JavaScript

IDEs: PyCharm, Arduino, IntelliJ IDEA, Apache NetBeans, Visual Studio

Languages: Russian