Tomasz Dworowy

Email: dworowytomasz@gmail.com
Phone:
LinkedIn
Hackerrank
leetcode
Github

Personal projects

https://github.com/tdworowy/cellular_automata - examples of 1D and 2D cellular automata written in python, javascript and rust.
https://github.com/tdworowy/PerformancePlayground - a few examples of usage of different tools for performance testing.
https://github.com/tdworowy/chess - checkers with frontend implemented in vue.js, tested using playwright, backend in rust. I'm planning to add AI and latter turn it in full-fledged chess.
https://github.com/tdworowy/genetic_algorithms - a simple genetic algorithm implementation inspired by example from book Complexity: A Guided Tour by Melanie Mitchell. Written in python and rust.
https://github.com/tdworowy/DeepLearningStaff - attempt to create web frontend to keras. Written using react, flask. Tested using pytest (unit and api test) and behave with selenium (front end).

Experience

Company: B2BNetwork: April 2024 - Current
Position: Software Tester
Client: Xperi: April 2024 - Current
Project: Services responsible for logs gathering and firmware updates for Tivo OS - smart TV operating system.
Responsibilities:

- Testing
- Test automation (pytest)
- Maintaining jenkins pipelines

Tools used: Python, pytest, javascript, groovy

Company: FLYR Labs: June 2021 - January 2024
Position: Software Engineer in Test
Project: Cirrus Revenue Operating System - revenue management and forecasting system for airlines.
Responsibilities:

- Testing (WEB UI)
- E2E Test automation (Cypress)
- Data validation (Python)
- Conducting SEITs job interviews

Tools used: Python, pytest, Cypress, Playwright, sql, google bigquery, docker

Company: Sii: June 2019 - June 2021
Position: Test Development Engineer
Client: Roche: December 2020 - June 2021
Project: Data pipeline - goal of project was to prepare data pipeline from salesforce to AWS S3 bucket and transformation of data to made it ready to use in ThoughtSpot.
Responsibilities:

- Testing (SQL)
- Test automation (Python)

Tools used: Python, SQL, AWS glue, AWS Athena.

Client: ING Tech Poland: May 2020 - September 2020
Project: Credit cards back-office application.
Responsibilities:

- Test automation (Java)
- Testing (GUI, API and data base)

Tools used: Java, Oracle SQL Developer, Postman.

Client: Grand parade (William Hill): October 2019 to March 2020
Project: Data ingestion – goal of project was to prepare data pipeline from mssql, through S3 bucket, to Snowflake database. Pipeline was prepare using Airflow and NiFi.
Responsibilities:

- Test automation (Python and Pytest)
- Test case design
- Testing
- Development support

Tools used: Python, Pytest, Snowflake, Airflow, Nifi, SQL, Jira, Git, Docker

Client: ABB: July 2019 to September 2019
Project: ServIS 2.0 Proof of technology - goal of project was to test performance of mssql data base (and simple REST api) located in Azure cloud.
Responsibilities:

- REST api functional testing using Postman
- Data base performance testing using Jmeter
- REST api performance testing using Jmeter
- Preparation of reports using Power BI and Excel

Tools used: Jmeter, Power BI, Postman, Azure, SQL

Company: Rockwell Automation: September 2017 – April 2019
Position: Software Test Engineer
Project: Emulate - Industrial controller emulator, goal of project was to re-use part of industrial controller firmware to prepare emulator for windows 10. Product should be able to emulate multiple controllers as well as communication between them.
Responsibilities:

- Functional testing
- Test automation (Python)
- Development of Python API (via NATS) of emulated controller
- Python and C# unit tests
- Tech spikes and documentation
- Jenkins pipeline configuration and maintenance

Tools used: Python, C#, C++, Git, Docker, Jenkins, IBM RQM, google protobuf, NATS message broker.

Company: Alan Systems:December 2013 - September 2017
Position: Software Tester
Projects: ATMS Watch (12.2013 – 12.2014) - Web time tracking application use to track working time, including time shift, vacations, sick leave etc.
CREAM (12.2014 – 09.2017) - Customer relationship management web application use to create and coordinate marketing campaigns and to manage customers and products base.
Responsibilities:

- Functional exploratory testing
- Test automation written in Java using selenium webdriver and JUnit
- Automation of rest API tests written in Java
- Performance and load tests using Jmeter and Java framework

Tools used: Selenium webdriver, Jmeter, Docker, Jenkins, Git, Jira, TestLink, SQL.

Education

University of Economics in Katowice

- Time span: 2015 – 2018
- The Faculty: Informatics
- Level of education: master
- Specialization: Analysis of large data sets
- Master thesis topic: *Methods, techniques and tools for automated testing in the software development process*

University of Economics in Katowice

- Time span: 2010 – 2013
- The Faculty: Informatics
- level of education: bachelor
- Specialization: Databases and data warehouses
- Bachelor thesis topic: *Suggestions for the use of artificial neural networks in the classification of bonds*

Courses

- Ancient Philosophy: Aristotle and His Successors, Coursera, certificate: SJH4XTG8ZC89
- Introduction to Discrete Mathematics for Computer Science (specialization), Coursera, certificate: SB2ADSZH9GXJ
- Introduction to Complexity, Santa Fe Institute(complexityexplorer.org), certificate:226951170
- Data Science(specialization), Coursera, certificate: TDQ6CJ9NT7ZX