

Alex Doherty

Software Engineer



21 November 1996



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Education

Dublin City University
MEng in Electronic & Computer Engineering
2019-2020
First Class Honours

Dublin City University
BEng in Electronic & Computer Engineering
Major in High-Speed Communications
2015-2019
Second Class Honours Grade One

Technical Skills

CSharp (Dotnet)
Python
GIT
JIRA
Azure DevOps
Frogllogic Squish
WinAppDriver (Appium implementation)
NUnit
Pytest
CI/CD
Playwright
SQL



Testing Skills

Functional Testing
Regression Testing
API Testing
Test Case Design
Test execution

Work Experience

- Jun'25-Present Automation Engineer Bookhaven
Managed test strategy for new website upgrade
Performed API testing using Postman & UI testing with Playwright
- Sep'24-May'25 Travel Sabbatical Asia, Australia, South America, Europe
Travelled to 11 countries across 4 continents
- Jul'23-Sep'24 Software Developer in Test IES
Created automated tests framework & led testing for team
Built BDD test framework for building energy performance simulation engine in C#
Signed off on releases of software
- Oct'22-Jul'23 Software Test Engineer Boston Scientific
Software development in CSharp and test development in Python
GUI test automation using Squish
Led fluidics project with automated physical test bench controlled with software and hardware
- Jul'21-Oct'22 Software Process Engineer Boston Scientific
Software development in CSharp to assist in manufacturing automation
Testing software processes in manufacturing equipment and equipment validation

Projects

- Jun'25-Present Playwright tests 
Built end-to-end tests with Playwright for Flask web app
Verified form validation, email delivery, and dynamic search and filter logic & more
Tested dynamic project listing with AJAX live search and tech-based filters
- Jun'25-Present Personal Website 
Built a Flask web app consisting of contact form through Gmail API, downloadable CV and AJAX search/filter for projects
- Jul'23-Sep'24 Simulation engine test framework IES
Created test framework to access results from simulation engine
Implemented algorithm to convert results (and other files) to a human readable format
Implemented pipeline for automated testing
- Oct'22-Jul'23 Automated Fluid Tester Boston Scientific
Test library development for automated testing of product
Creation of test methods to test subsystem requirements of prerelease product for design verification
Validated physical equipment and software for test use

Skills

Project Management
Organised cross-functional projects to be delivered on time
Started & managed testing and releases for software product

Prioritisation
Balance deadlines by evaluating risk and impact to business

Organisation
Regularly review and adjust goals based on time constraints

Achievements

Object Oriented Programming in C# Certificate
Achieved February 2022