

# 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

C# (Dotnet)  
SpecFlow/Reqnroll  
Python  
GIT  
JIRA  
Azure DevOps  
Froglogic Squish  
WinAppDriver (Appium implementation)  
NUnit  
Pytest  
CI/CD  
Playwright  
SQL

## Testing Skills

Functional Testing  
Regression Testing  
Integration Testing  
User Acceptance Testing  
API Testing  
Test Planning  
Test Design  
Test Execution  
Defect Triaging

## Work Experience

- Dec'25-Present Quality Assurance Engineer Cubic<sup>3</sup>  
Testing of associated mobile networks on SIM cards with CSG Assure & SIGOS tools, automated in C#-Reqnroll framework
- Jun'25-Dec'25 Automation Engineer Bookhaven  
Managed test strategy for new website upgrade & book rental software  
Performed API testing with Postman & UI testing with Playwright
- Sep'24-May'25 Travel Sabbatical Asia, Australia, South America, Europe
- Jul'23-Sep'24 Software Development Engineer in Test IES  
Created automated tests framework & led testing for team  
Built BDD test framework for building energy performance simulation engine in C#  
Managed test strategy and planning for team  
Signed off on releases of software
- Jul'21-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  
Testing software processes in manufacturing equipment and equipment validation

## Projects

- Nov'25-Present CSharp Tests Framework   
Automation tests framework built in C# with Reqnroll BDD and NUnit framework, run in Docker container  
Framework includes Restsharp API testing project, Data testing for Supabase database, Performance testing with Grafana K6 & UI testing with Playwright  
Tests integrated with Github Actions CI & currently targeting personal website portfolio
- 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