

Alex Doherty

Software Engineer



21 November 1996



Dublin, Ireland



+353833705696



dohertyalex.cc



96alexdoherthy@gmail.com

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
Squish test automation
SpecFlow (Gherkin Syntax)
Windows Application Driver
Playwright
Linux



Hobbies

Mountain Biking
Football
Tennis
Surfing
Snowboarding
Reading
Weightlifting

Work Experience

- Jun'25-Present Automation Engineer Bookhaven
Utilised Google document AI to automate processing of purchase orders in Python
Developed Python programs to scan/process items picked in warehouse
- 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
BDD test framework for building energy performance simulation engine
Worked in CSharp with Microsoft tech stack
- Oct'22-Jul'23 Software Test Engineer Boston Scientific
Software development in CSharp and test development in Python
GUI test automation using Squish
Working closely with Fluidics, Firmware and Software teams
- 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-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
Tested dynamic project listing with AJAX live search and tech-based filters
- Jun'25 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 pre-release product for design verification
CSharp and Python development for interaction with R&D product

Skills

Teamwork
Communicate clearly and consistently to ensure alignment across the team
Worked in cross-functional teams to successful project completion

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

