

Simon O'Donovan

Software Engineer

SUMMARY

Creative, detail-oriented, software engineer with a proven track record of creating and implementing successful front and back end web applications with a quality-first mindset. Looking to bring my skills to a tech company with global reach.

WORK EXPERIENCE

Software Engineer at Dell EMC | Cork, Ireland

March 2019 — December 2020

Developed open-source solutions for use with Dell EMC products.

Primarily developed the PowerMAX driver for the open standard cloud computing platform OpenStack.

Also developed PyU4V, an open-source Python module that simplifies interaction with the Unisphere for PowerMax REST API.

- Designed and implemented new features such as disaster recovery failover & multiple parallel replication of data volumes.
- Refactored & developed unit tests for every new feature and fix submitted.
- Triaged and solved a range of issues from critical severity to new feature requests allowing the project to progress to final quality assurance and release.
- Worked directly with Fortune 50 clients to advise and consult with regards to their own solutions that used OpenStack's open-source client as a base.
- Achieved 100% code coverage for PyU4V unit tests which were integrated into a Jenkins CI pipeline.

Software Development Engineer In Test at Dell EMC | Cork, Ireland

September 2017 — March 2019

Developed & maintained an automation framework and test suites written in python for the PowerMAX storage array.

Managed the automation targets and progress of a distributed team.

Ran test automation as part of the Dell EMC PowerMax product release cycle.

Software Quality Engineer at Dell EMC | Cork, Ireland

November 2014 — September 2017

Ran manual and automated test cases as part of the EMC VMAX product release cycle.

Participated in functional spec and test plan design and reviews for upcoming product features.

Maintained lab infrastructure utilizing VMWare vCenter to manage test hosts & VMs & adjusted server hardware as required.

CONTACT

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[@SODonovanDev](https://twitter.com/SODonovanDev)

SKILLS

HTML

CSS

Javascript

Python

React

Node

MongoDB

PostgreSQL

OOP

Web Accessibility

EDUCATION

University College Cork

BSc: Computer Science