

Patrick Kennedy

55 Dodder Road Lower, Rathfarnham, Dublin 14 | 087 6054516

[Website](#) | [Email](#) | [GitHub](#) | [LinkedIn](#)

PROFESSIONAL SUMMARY

Postgraduate H.Dip. student with 4 years experience in IT project management and consulting making a career change to software development.

PROFESSIONAL EXPERIENCE

O'Reilly Media | Online Event Producer Limerick, Ireland | May 2017 - August 2018

- Produced over 40 online webinars for a global audience every month.
- Worked with presenters to create and debug Jupyter notebooks and Docker images for production deployment using Kubernetes and Google Cloud Platform.

O'Reilly Media | Junior Project Manager Sebastopol, California, USA | September 2015 – May 2017

- Defined and scoped product requirements & acceptance criteria for new feature development.
- Worked cross-functionally between business owners and technology teams, writing user stories and working closely with the Product Manager to prioritise their development.
- Wrote automation code for publishing of O'Reilly's 'Free Reports', decreasing their production time by 66%. This was created with Python.

Murex | Financial Software Consultant Dublin, Ireland | August 2011 – August 2013

- Provided application support and debugged production issues for 3 medium-sized international banks using our risk management software, MLC.
- Managed migration programs and designed test suites to ensure full post-upgrade software functionality.
- Designed the logic and created mockups for a new capital control limits system.

FORMAL EDUCATION

H.Dip. Computer Science

University College Dublin | 2018 - Present

M.Sc. Science Media Production | Merit

Imperial College London | 2014

B.Sc. (Hons) Physics | 2.1

University College Cork | 2011

RELEVANT MODULES

B.Sc. Physics:

- AM1054 Mathematical Software | 90%
- CS1064 Internet Computing and Website Design | 76%
- AM2060 C/C++ Programming with Applications | 63%
- PY2105 Introduction to Computational Physics | 70%
- AM2061 Computer Modelling and Numerical Techniques | 65%
- PY4109 Advanced Computational Physics | 79%
- PY4116 Major Research Project | 73%
 - Created a computational model of the A1g phonon mode of photo-excited bismuth using Matlab.

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ONLINE COURSES

Android Basics Nanodegree
Android Developer Nanodegree

Udacity | 2017
Udacity | 2018

SKILLS (* indicates greater proficiency)

Programming Languages

Java*, SQL*, Python, Bash, HTML, CSS, JavaScript

Libraries

Picasso, Butter Knife, Retrofit

Tools

Android Studio*, Git*, Docker*, Linux, JIRA*, Jupyter, Kubernetes, Google Cloud

Platform

SELECTED PERSONAL PROJECTS

Bargy | [Github](#) | [Google Play Store](#)

- An Android app dedicated to preserving extinct and minority languages. The first chosen is Yola, a dialect of English once spoken in the Forth and Bargy region of Co. Wexford.
- The backend is supplied by Firebase, both as a hosted JSON file and via the Firebase Realtime database.

Movie Magic | [Github](#)

- An Android app where users browse and save favourite films, read reviews, and watch trailers.
- Implements the Picasso image library and gathers data using themoviedb.com API.

Brexit News | [Github](#)

- An Android app which displays the latest Brexit-related news to the user.
- Uses The Guardian's API to search for Brexit-related topics.

Tourist App | [Github](#)

- A tourist information Android app for Limerick City and County.
- Sends an explicit intent to Google Maps to give the user directions to the location of interest.

INTERESTS

When not working on my personal programming projects, I like to keep fit, travel, and listen to my favourite podcasts.