

Patrick Kennedy

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SUMMARY

Postgraduate H.Dip. student with 5 years professional experience in IT project management and consulting making a career change to software development.

EDUCATION

H.Dip. Computer Science

University College Dublin | 2018 - Present

Relevant Modules: Web Application Development, Operating Systems, OOP Python, Data Structures & Algorithms, Networks and Internet Systems, Java Programming, Software Engineering, Relational Databases, Data Analysis, Computer Architecture and Organization

M.Sc. Science Media Production | Merit

Imperial College London | 2014

B.Sc. (Hons) Physics | 2.1

University College Cork | 2011

Relevant Modules: C/C++ Programming with Applications, Advanced Computational Physics, Internet Computing and Website Design, Mathematical Software, Computer Modelling and Numerical Techniques

Final Year Project: Wrote a computational model for the A1g phonon mode of photo-excited bismuth using Matlab. Received a 1.1 for the project.

ONLINE COURSES

Android Basics Nanodegree

Udacity | 2017

Android Developer Nanodegree

Udacity | 2018

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, Docker images, and Linux containers 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.

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TECHNICAL SKILLS

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

SOFT SKILLS

Teamwork: I've worked in agile software development teams, performing the role of scrum master, project manager and QA. This taught me how to work well with my technical teammates, while creating value for business stakeholders.

Communication: In my roles to date I've worked with both technical and business specialists, oftentimes bridging the gulf in understanding between both. I also hold a M.Sc. in Science Media Production from the Science Communication Unit at Imperial College London.

Entrepreneurship: I expanded O'Reilly Media's online webinar offerings by being the only team member based outside of North America. While contracted by them, I also taught myself Android development and published an app on the Google Play Store.

PERSONAL PROJECTS

Bargy | <https://github.com/patrickjkennedy/Bargy> | [Available on 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 | <https://github.com/patrickjkennedy/MovieMagic>

- 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 | <https://github.com/patrickjkennedy/BrexitNews>

- 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 | <https://github.com/patrickjkennedy/TouristApp>

- 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.