Adrian **Dornan**

SOFTWARE ENGINEER

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Education

Dublin City University	Dublin, Ireland
B.Sc. in Computer Applications	September 2010 - May 2015

Employment

SkyLads Limited — Dublin, Ireland
Back End Engineer handling Real Time Advertising Technologies — January 2016 - Present

- Designed and optimised mySQL database to handle data-intensive transactions reducing insert time by 30%
- Performed ETL across AWS and Google Cloud platforms pipelining data from S3 storage to BigQuery
- Developed the backend Java platform that services all products with the correct data formats
- Built REST calls to an external API, handling responses making them available to our own suite of products

BearingPoint — Dublin, Ireland
Software Developer Intern — March 2014 - September 2014

- Developed release record application that detailed the applications builds and release information
- Responsible for setting up continuous integration and build pipeline with Jenkins
- Developed automated tests using Selenium WebDriver
- Participated in SCRUM/AGILE software development processes

Projects

WikiTrends — DCU, Ireland
Solo Project Completed in Final Year — May 2015

- Python script identifies articles currently trending on Wikipedia and forecasts future trends
- Web application (MEAN stack) presents charting and a clean UI, to search and visualise the data
- MVC, REST, Git, Jenkins, NPM, HighCharts are some of the tools and frameworks used
- Comprehensive documentation including functional specification, technical guide, user manual and testing document
- Winner of the Openet most innovative project award

ReadAssist — DCU, Ireland
Android Application developed by team of 2 — March 2014

- Optical Character Recognition was used to allow the user to scan text. The text could then be read back aloud or translated into various languages.
- History could be saved to a cloud hosted MongoDB database
- Front-end designed using XML

Skills

- Java	- Python	- Maven	- Git	- Node.js
- Jenkins	- JavaScript	- C/C++	- Haskell	- Angular.js
- MongoDB	- SQL	- Agile	- BigQuery	- AWS