Robbie Lynch

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Education

Carlow, Ireland **Institute of Technology, Carlow** **Sep '10 - Jun '14**
BS (Hons) in Software Development

- **Classification:** First Class Honours
- **GPA Estimate:** 3.66 (Using Fulbright Conversion Guide)
- **Modules Taken:** Algorithms, Artificial Intelligence & Logic, Advanced Programming, Computer Architecture, Computer Science, Databases, Graphics, Mathematics, Networking, Object Oriented Programming, Operating Systems, Software Engineering I & II, Web & Cloud Development.

Experience

Software Engineer, Intern **AOL** **Dublin - Mar '13 - Sep '13**
ADTECH Division

- Built a Client API to interact with the main projects REST API in which the automation team used.
- Implemented RPM packaging for the main project.
- Researched and prototyped the current Integration Platform using Mule ESB and ActiveMQ.

Awards and Achievements

- **Second Place, FIWARE Smart Society Finals 2014:** As a team of 3, we attended the finals in Seville, Spain for one week, where we developed an app and cloud service for carers using FIWARE technology. Finished in second place with a prize of €40,000.
- **Winner, O'Reilly Academic Prize Scheme 2014:** Awarded first prize for final year project from 12 projects - Interactive Erlang Notebook
- **Graduated top of my class with first class honours - 2014**

Projects

- **Interactive Erlang Notebook (2014).** Award winning final year project. Created an open source Erlang language kernel for Interactive Python (IPython). Erlang, escript, bash, ZeroMQ, Python.
- **Droppic (2014).** Free image hosting, built on Google App Engine. Python, NDB - http://droppic.net
- **Robly Search (2014).** Open source search engine. Python, MongoDB.
- **Check Balance (2011).** Android app which automatically retrieves your mobile's remaining balance - 140,000+ downloads.

Languages and Technologies

- **Competent:** Java, Erlang, Python, HTML5 **Prior Experience:** C, PHP, C++, Javascript
- MongoDB, MySQL, Python NDB, IntelliJ IDEA, Eclipse, PyCharm, Maven, JAX-RS, Git, RPM, Jenkins, Sonar, Mule ESB, Mockito, JUnit, Linux, bash, JSON, REST, ZeroMQ, Jinja2, regular expression, OAuth2.

Additional Information

- **Blog:** http://robl.co
- **LinkedIn:** http://linkedin.com/in/lynchrobbie
- **Github:** http://github.com/robbielynch