

Experience

Software Engineer @ Tethras

July 2011 - Present

- Implemented a REST API for accessing and manipulating translation assets. These services were used in an overhauled translation tool UI, and the UI of any internal tool that required access to read or modify translation assets, or their metadata.
- Designed and implemented the translator app used by contracted translators. The app's clean presentation, fast UI and full set of keyboard shortcuts streamlined the translation workflow. Facilitated high quality, consistent translation work with easy access to translation memory, glossary definitions for key terms, contextual information, translation instructions, and a discussions system.
- Designed and implemented a revised job management workflow and interface for translators.
- Implemented the internal tool which was used managed translation projects from purchase to delivery
- Implemented and optimised backend processing tasks, provided technical support, performed technical screening of interview candidates, triaged and fixed bugs.

Summer Work

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| • Bar Waiter - Bewleys Hotel. | Summer 2009 |
| • Clerical Officer - Department of Education. | Summer 2007 |
| • Data Entry - Faber Maunsell. | Summer 2006 |
| • Technical Support, Customer Service, Sales - Eircom Net | Summer 2005 |

Education and Research

B.Sc. Hons (Computer Science) @ UCD Dublin

Graduated 2011

- The core modules covered data structures, algorithms, formal logic, foundations of computing, computer architecture, artificial intelligence, computer graphics and software engineering.
- I took optional modules in parallel and cluster computing, electric and electronic circuits, applied maths, data mining, genetic algorithms and calculus. Project work included developing an arcade game, chat and email applications, a location based Android app.
- For my final year project, I created a service that provided browser based Android Application testing, and a web app for managing test jobs.

Research Scholarship @ Odysseus

Summer 2010

Investigated the use of clustering techniques to semantically group search results from a corpus of professional profiles. Applied a variety clustering algorithms to a Lucene index of the corpus, and provided an analysis of the results.

Familiar Technologies

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| • Python (>2 years experience) | • App Engine (>1 year experience) |
| • Javascript (>1 year of experience) | • NoSQL (>1 year experience) |
| • Java (College Project Work) | • Test Driven Development |
| • C/C++ (College Project Work) | • Git and Subversion |
| • HTML/CSS (>3 years experience) | • *nix System Administration |