

Charlie Egan

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Experience

Junior Rails Developer (Paid Internship) **Unboxed Consulting** **June 2014 - September 2014**

I worked for 3 months on various web application projects alongside two highly skilled teams. I got stuck in and have been invited to come back next summer. I worked with; learnt about; & experienced a great deal - below are some highlights. More details can be found in this blog post at www.unboxedconsulting.com.

- Contributing Rails code changes of value to real client projects next to talented developers and great mentors.
- Total immersion in Scrum, Kanban and the Agile process from day one.
- Digging *much* deeper into collaborative coding with git and GitHub.
- Experiencing the true value of Test Driven Development and the workflow it promotes.
- Attending the Brighton Ruby Conference, this was an incredibly motivating experience.

Student Rails Developer **Aberdeen Software Factory** **April 2014 - June 2014**

I worked in a student duo on a paid, fast-track web application project for a client. The system consisted of a complex CMS, user hierarchy with a large analytical social statistics component. We were required to write a great deal of code in a short period of time, our app was well received when presented at a June UNESCO conference.

IT Technician & SysAdmin **Momentum iT** **July 2013 - September, Christmas 2013**

Worked in a varied role with many responsibilities. The bulk of the work consisted of the following technical tasks:

- In-house server builds & migrations
- Software Fixes - Virus Removal, Data Loss, Tailored Installations and Remote IT support with Labtech
- Hardware Repairs - Laptop & Desktop Component Replacements, Full System Migrations
- Company wide cloud-based ePOS & Accounting setup

I also worked as a **IT Salesman** for Momentum iT and as a **Sales Assistant** for two years at The Original Factory Shop whilst at school. For my **school work placement** I worked with an IT technician on a network of over 600 computers.

Tutoring

This summer in London I attended a tech mentoring meet-up called **Codebar** as a coach every week. I taught basic Web Development skills to a students of many abilities. I also contributed to the open-source tutorials on GitHub.

I got a great deal out of Codebar; it inspired me to start volunteering as a tutor for the **Advanced Web Application** course. It has been really great to focus on Rails tutoring and has helped me better understand the topic myself.

I am currently in the process of setting up my own series of **Rails workshops** in association with the Computing Society. I have created the learning materials am in the process of promoting and scheduling the sessions.

Education

University of Aberdeen BSc Computer Science **September 2012 - Present**

I am currently in my third year of studies. My interest in Rails stems from a first year course sat here. I am currently the class rep for Software Engineering and the team leader in my group of eight working on a NLP project.

This year have have competed in both **ACM-ICPC** (where our team was the best from Aberdeen University) and **Rails Rumble** programming competitions. I also participated in the Northern Lights tech conference.

I received the prize for the best marks in second year across the Computing Science department courses.

Dingwall Academy **2006 - 2012**

I first experienced programming and coding competitions here as well as being involved in school sport.

SQA Advanced Higher: Computing(A), Information Systems(B), Physics(C). **SQA Higher:** AAABB

Interests

I am a keen runner - I run The Highland Cross, a yearly 50mile duathlon, and recently completed my first marathon. I run for the Aberdeen University Athletics Club and make a point of running the local Parkrun each week.

I program extensively in my own time and have recently been trying to get more into open-source. On personal projects I use predominantly Ruby, and have been for over a year, prior to that I used C#. I have recently dabbled in Swift, Lua, Node.js and have been learning C for my Operating Systems class. All my projects are on GitHub.

I also enjoy regular cinema trips, pub quizzes and playing video games with my friends.

References

Bruce Scharlau - Aberdeen University & Software Factory
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Susan Swallow - Dingwall Academy
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[Twitter](#)
[GitHub](#)

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