Charlie Egan

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Experience

Junior Rails Developer (Paid Internship)   **Unboxed Consulting** June - September 2014, June 2015 - current

I worked for 3 months on various web application projects alongside two highly skilled teams. I got stuck in and am happy to be back this 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 was also a really great experience.

Student Developer   **Aberdeen University**   April 2014 - June 2014

Worked on the Argument Workbench project alongside Adam Wyner and built a search interface for an annotated xml corpus annotated with argumentation features. I had the opportunity to work with Python, Rust and simple shell scripting - all for text processing - as well as the Django web framework. The work was very varied and offered a good lesson in threading & optimisation.

Student 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 consisting of: 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/Upgrades, Full System Migrations).

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

I attended a mentoring meet-up called **Codebar** last summer and plan to return this year. I taught basic web development skills to a students of many abilities. I also contributed to their open-source tutorials on GitHub.

I got a great deal out of Codebar and it inspired me to start volunteering as a tutor for the **Advanced Web Application** course at university. It's been really great to focus on Rails tutoring and has helped me further my own understanding. I attended voluntarily as a demonstrator for an entire academic year.

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 scored highest from Aberdeen) 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.

Interests

I am a keen runner - I run The Highland Cross, a yearly 50 mile duathlon, and recently completed my first marathon. I also make a point of running the local Parkrun each week as well as getting to as many different ones that I can.

I program in my own time and have recently 'shipped' my side project serializer. On personal projects I enjoy using Ruby, and have been for over 2 years. I have recently dabbled in Swift, Lua 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 flatmates.

References

Bruce Scharlau - Aberdeen Software Factory   **Adam Wyner** - Aberdeen University   Twitter   Personal
b.scharlau@abdn.ac.uk   azwyner@abdn.ac.uk   GitHub   Website