

ROSS GALLAGHER

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Personal Profile

3rd Year Computer Science student currently studying towards a 1st class MEng Computer Science degree at the University of Strathclyde. Strong technical ability with a passion for all aspects of Computer Science and Software Engineering with a particular interest for mobile application and scalable web services design and development. Established ability to acquire new skills, solve difficult tasks effectively and to a high standard on both an individual and team basis. Shown through extensive project based work at university and through personal application development ventures.

Education And Qualifications

2010 – Present

University of Strathclyde

Glasgow, UK

MEng Computer Science

Expected 1:1

Key Subjects:

Object Oriented Programming and Design Principles, Database Design and Implementation, User Interface Design, Computer Graphics, Computer Systems and Concurrency, Paired Programming, Foundations of Artificial Intelligence, Programming Languages(Java, C, PHP, HTML, CSS, Javascript and MySQL)

Academic Highlights:

The Design and Implementation of a pinball like system called Gizmoball within my Building Software Systems module utilising the Eclipse IDE with Java. The project was based on an MIT specification and was to be fully decoupled and conform to the MVC and Observer design patterns. The project was undertaken by myself and 4 other group members and consisted of 3 main phases: Design, Prototype and Final Implementation. Each one of which had strict specification and timelines which our group was able to follow by delivering each on time and with extra functionality. This project was key to developing my team working skills, how to lead and motivate a team through the design, prototype and implementation phases and understanding the use of revision control systems (GIT) when designing large applications with other group members.

Within my Advanced Programming module I have completed a project designed to emulate the game mechanics of the TV show Countdown also using the Eclipse IDE with Java. The construction was based upon working through the waterfall model in an agile (paired programming) environment designed to the MVC model. This was a focal point for building my understanding of UML and key programming and design concepts leading to my final mark of 94% for the module.

2004 – 2010

Notre Dame High School

Greenock, UK

Higher's achieved:

Physics(A), Computing(B), Maths(B), Graphic Communication(B),
Geography(B)

Technical Skills

Languages

Java, Java (Android focus), C, Objective-C (iOS focus), PHP, Javascript, HTML 5, XHTML, CSS, MySQL, XML and JSON

Concepts

Object-Oriented, Test-Driven, Design patterns (including MVC), AJAX, UML, Paired Programming

Version Control

SVN, GIT and Mercurial.

Software/Other

Eclipse, xCode, Max OS X, Linux (CentOS, Ubuntu), Windows (XP through to 8), Microsoft Office Suite, IntelliJ, Sublime Text 2, Adobe Photoshop and Dreamweaver (up to CS6).

Knowledge of internet systems and protocols, including TCP/IP, DNS & HTTP.

Experience

2011 - Present

Personal App Business

Greenock, UK

Since June 2011 I have been self-employed developing mobile applications for both the Android and iOS stores. Since then I have taken 9 separate applications to market across both platforms, amassing a total of 2.3 million plus downloads to date, with the most successful app accumulating 1.1 million plus downloads of its own.

Key Skills learned:

- Experience with all versions of the Android and iOS SDK's
- An understanding of the software development cycle and time management.
- Gained extensive knowledge in the use of both Apple iTunes Connect and Google Apps Marketplace.
- Ability to develop and update a product based on user feedback and ratings.
- Delivering code on time and to high quality.

Other Interests

Competitive Weightlifting

I am a member of a local weightlifting and powerlifting club. Dedicating myself towards goals and focusing on set targets I have competed in many competitions, placing in the top 3 on multiple occasions.

American Football

As a member of the Inverclyde Phoenix American Football club I developed excellent team work and decision making skills by working with team members both on and off the field practice. My team duties require demonstration of commitment and my ability to adapt quickly to situations which require precise decisions.

References

References are available on request.