

Waqas Arshid

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Passionate technologist that is driven by the challenge of learning new design patterns and development methodologies. Always striving to better my technology proficiency and business acumen by following Agile practices and SOLID principles. Looking for opportunities within front-end web development or backend infrastructure projects.

Technical Skills

Languages	Java (Spring) C# (ASP.NET) Javascript (jQuery, Meteor) Python (flask)
Versioning	Git, Subversion, Mercurial
OS	<i>Desktop:</i> Windows, OS X/Unix <i>Mobile:</i> iOS, Android, Windows Phone
Software	<i>IDEs:</i> Visual Studio, IntelliJ, Eclipse, Xcode <i>Build chain & CI:</i> Maven, Grunt, TeamCity

Employment

Web Developer, Findmypast – Dundee

Feb 2016 – May 2016

Broadened our offering in the US market by launching new datasets and products, followed by enhancement work to our central fulfilments and licencing system. Worked with Customer Services team to design four step rearchitecture plan to incrementally deliver value in time-savings and a more performant app suite. *Tools used:* PlantUML, Github, TeamCity, Hangfire, ASP.NET

Stockbrokers Developer, Barclays – Glasgow

Sep 2015 – Feb 2016

Working in Stockbrokers team as a junior developer – primarily on the Global Data Storage (GDS) platform, Dealing Engine and Order Minding system and the various test harnesses used in unit, integration and smoke testing of the overall system. Mainly written in Java (Spring framework).

Development Tools Specialist, Barclays - Glasgow

Mar 2015 – Aug 2015

On second graduate placement within Technology Transformation as a DevTools Specialist. Introduced novel toolsets into technology ecosystem to assist in Global Development and Test functions. Priority project was advocating use of Parasoft Virtualise and SOAtest (service virtualisation and API testing tools) by creating and extending internal prototypes which leverage REST calls by utilising WADL interfaces.

Software Developer, Barclays - Glasgow**Aug 2014 – Feb 2015**

On first placement in Client Service Technology (CST) working as a software developer on various projects enabling core business functions such as portfolio management (extJS) and generating client reports (Apache FOP). *Responsibilities included:* Sprint-based Development, Release Management, Level 3 Application Support. *Tools used:* Eclipse, Maven, Apache Tomcat, Subversion, JIRA.

Teaching Assistant, Morgan Academy - Dundee**Sep 2013 – Dec 2013**

Shadowed Computing teachers to gain understanding of classroom environment to then design and deliver a three week curriculum for class of 12 young individuals, S2-S3 pupils, to improve their understanding of web technologies (HTML, CSS, basic Javascript) and explore freelancing as an alternate career path.

Assistant Software Architect, AIG - New York, NYC**Jun 2013 – Aug 2013**

Interned at AIG based in their eBusiness Technology department responsible for rolling out the global CRM solution (SDL Tridion) for AIG holdings worldwide. Priority project was developing Proof of Concept using jQuery for delivering front-end functionality over IBM Websphere Application Server.

Education**Sep 2011 – Jun 2014 BSc (Hons) in Computer Science, University of St Andrews**

Graduated with an Upper Second class degree.

The topic of dissertation was a 'Visualisation Tool for Software Architectures' Applying the GRASP ADL (Architecture Description Language) to an interactive visual representation which could be manipulated by a system architect. Implemented using the Processing graphical framework in Java.

Relevant modules: Advanced Internet Programming, Software Engineering, Component Technologies, Databases, Multimedia.

Sep 2010 – May 2011 First Year in Computer Science, University of Strathclyde

Passed with Merit – Transferred to St Andrews after completion.

Aug 2004 – Jun 2010 High School of Dundee

Scottish Qualifications Authority, 360 UCAS Points.

Advanced Highers: Computing, Tech Studies, Mathematics

Achievements**Paypal Battlehack NYC 2013, Best use of Windows Phone**

Designed a prototype application using NFC technology that plugged into .NET libraries for Windows Phone and utilised Telerik UI Controls.

Saltire Foundation Scholarship 2013, Recipient

One of 103 recipients for a prestigious scholarship awarded to students who demonstrate initiative as future leaders in business. The programme enables talented students to realise their potential through challenging work experience with a global perspective.

Activities

Barclays Digital Eagles, *Volunteer*

- Help run 'code playground' sessions in collaboration with CoderDojo to teach children and young teens basic programming skills using the Scratch program.
- Organised the local Glasgow centre for 'Festival of Code' to build their own projects for a week and accompanied kids to Birmingham for the culmination of the festival weekend.

STEM Ambassadors Programme, *Ambassador*

- Relate my academic and work experience to school pupils by partnering with local schools to produce and run workshops to supplement their STEM related learning.

St Andrews Computing Society (StACS), *Founder and Former President*

- Organised society trip for members to attend UCL *Hackin' the City* where we came third place. Obtained funding for travel from Students Union and School of Computing.
- Hosted seminars from student body relating to computing subjects.
- Held student hackathon at School of Computing co-sponsored by Google.