

Name: Waqas Arshid
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Summary: Passionate technologist that is driven by the challenge of learning new technologies and development methodologies. Always striving to better my technology proficiency and business acumen. Looking for opportunities within HPC (High-Performance Computing), software/web development and systems architecture.

Technical Skills:

Languages - Python (flask, numpy, notebook)
Java (Spring, J2EE)
Javascript (jQuery, Node, Meteor)
Versioning - Mercurial, Git, Subversion
OS - Microsoft Windows (Office, Visual Studio)
OS X/Unix (bash scripting)
Mobile: iOS, Android, Windows Phone
Software - *IDEs:* Xcode, Eclipse, IntelliJ
Build tools: Maven, TeamCity
Servers: Apache Tomcat

Employment Summary:

Sep 2015 – Present Stockbrokers Developer, Barclays – Glasgow

Work in Stockbrokers team as a junior developer on new trading platform. Currently undergoing knowledge transfer of core platforms and systems – primarily 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).

Mar 2015 – Aug 2015 Development Tools Specialist, Barclays - Glasgow

On second graduate placement within Technology Transformation as a DevTools Specialist. Aid in introducing 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.

Aug 2014 – Feb 2015 Software Developer, Barclays - Glasgow

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). Priority project was extending functionality of the Banker Workstation application suite by extending persistence support (myBatis) and server robustness (Spring) to support roughly 4-5000 users. Responsibilities include: Sprint-based Development, Release Management, Level 3 Application Support.

Tools: Eclipse, Maven, Apache Tomcat, Subversion, JIRA

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

After shadowing Computing teachers to gain understanding of classroom environment, designed and delivered 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.

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

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 JavaScript (jQuery) for delivering front-end functionality on top of IBM Websphere Application Server.

Education/Qualifications:

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.
- 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. Travel funding by Students Union and School of Computing.
 - Hosted seminars from student body relating to computing subjects such as hosting and running game servers and Unix scripting and

- commands.
- Held student hackathon at School of Computing co-sponsored by Google and attended by St Andrews students faculty-wide.