

# Bilal Syed Hussain

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## EDUCATION

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**University of St. Andrews:** St. Andrews, United Kingdom **20012-**  
*PhD in Computer Science* specialising in Constraint Programming

**University of St. Andrews:** St. Andrews, United Kingdom **2008-12**  
*Bachelor of Science with Honours, First Class, Computer Science*

### Honours and Awards:

- Dean's List 3 years running
- Kelway Prize for overall best performance in the First Year.
- Medal for modules CS1002, Computer Science, and CS1004, Internet Programming.
- The O'Reilly Academic Prize.
- The Oglesby-Wellings Memorial Prize in Computer Science.

### Other achievements:

- Scored 19.5/20 for Junior Honours CS3099, Software Team Project, on Client and Server-side distributed instances of online Poker.
- Scored 19/020 for Senior Honours CS4099 Major Software Project

**Harris Academy:** Dundee, Scotland **2002-08**  
*SQA Advanced Highers, AAB, Computing, Mathematics, Physics.*

## WORK EXPERIENCE

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**Cisco Systems, Inc.:** Edinburgh, United Kingdom **2010**  
*Summer Intern*

Designed and implemented tests for flexible NetFlow in C. Implemented a framework for testing the distributed version in C. Also developed scripts to produce statistics about test code coverage using shell scripts.

**Toshiba medical Visualization Systems.:** Edinburgh, United Kingdom **2012**  
*Summer Intern*

I implement a series of programs to automate the migration of a highly customized version of the bug tracking system trac to Jira using Python. Also wrote plugins in Java to extend Jira functionality.

## SKILLS

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Highly experienced in Java and the scripting languages, Bash, Python and Ruby, C and UNIX command-line tools. Well-versed in HTML, CSS, JavaScript and SQL, as well as, source control management systems, Git, Mercurial and SVN. Have knowledge of C++.

## REFEREES

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References available upon request