

Mohammad Ali Khan

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EDUCATION

University of Southampton (Southampton, UK) – MEng Computer Science (*Sept. 2011 – Present*)

- Expected Grade: First (Current average: 71%).

EXPERIENCE

Enactus Southampton (Southampton, UK) – IT Team (*October 2012 – Present*)

- Built website for HoodAid and Gap&Go.

J.P. Morgan Chase & Co. (London, UK) – Technology Intern (*June 2014 – August 2014*)

- Guided development team in Global Finance Technology through the project life cycle for changes in company systems.
- Developed macros to reduce custom Excel sheet creation time by 95%.
- Wrote revised documentation for an internal product and demonstrated its features to the users.

Micro Focus Ltd. (Newbury, UK) – Product Development Intern (*June 2013 – August 2013*)

- Developed command line interface, rebuilt graphical user interface of company product in Java and wrote tests for application components.
- Researched searching and file reading algorithms, reducing search and read times by 30%.

RELEVANT COURSES

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- Programming Principles, Advanced Programming, Operating Systems, Software Engineering, Discrete Mathematics, Software Analysis and Design, Artificial Intelligence, Databases, Communications and Networks, Machine Learning, Scripting Languages, Advanced Networks, Advanced Databases, Computer Graphics.

PROJECTS

PrivacyMatters (*2014*)

- Web application allowing people to view data policies for UK registered companies in visualised format. *Java, Play Framework, HTML, CSS, JavaScript, Bootstrap.*

Type Pong (*2013*)

- Web game to help users improve typing skills while playing Pong. *Python, HTML, CSS, JavaScript.*

Clangers (*2013*)

- Graphical application depicting world of Clangers (stop-animation series). *Blender, C++, OpenGL.*

Yomp.It (*2013*)

- Web application to visualise project landmarks and objectives. *C#, HTML, CSS, JavaScript*

iDeal (*2012*)

- Android application that shows best place to shop based on shopping list. *Java, HTML, CSS.*

Crossword Application (*2012*)

- Crossword puzzle application, allowing for custom crossword puzzles and clues. *Java.*

Fractal Viewer (*2012*)

- Application showing a Mandelbrot set, allowing users to zoom in and also view Julia sets. *Java.*

Hadi Sports (*2011*)

- Application to help sports shop computerise its records. *Visual Basic, Microsoft Access.*

AWARDS

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- 27th team in the world in IEEEExtreme Programming 7.0, 2nd in UK (*2013*)
 - 3rd team in UK in IEEEExtreme Programming 6.0 (*2012*)

SKILLS

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- **Languages:** Java, HTML, CSS (*Good*); C++, Scheme, JavaScript, Visual Basic, MySQL, XML (XSD) Schema (*Intermediate*); C, C#, Python, PHP, Perl, MongoDB (*Basic*).
 - **Technologies:** Eclipse (*Good*); Play Framework, Bootstrap, OpenGL (*Intermediate*); Blender (*Basic*)