

Mohammad Ali Khan

<http://themakshter.me/>

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EDUCATION

University of Southampton (Southampton, UK) – MEng Computer Science (2011 – 2015)

- First Class Honours

EXPERIENCE

FactSet Research Systems Inc. – Software Engineer (August 2015 – Present)

- Various development projects on internal company products.

Enactus Southampton (Southampton, UK) – IT Team (October 2012 – May 2015)

- Built websites for non-profit organisations

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 internal company product in Java and wrote tests for application components.
- Researched searching and file reading algorithms, reducing search and read times by 30%.

PROJECTS

NHS Waiting Times Application (2015)

- Web application showing nearest hospitals with least amount of waiting time for Accident and Emergency (A & E). *HTML, CSS, JavaScript.*

Mobile Intervention Authoring (2015)

- Extensions to Intervention authoring web tool as well as intervention displaying android application to test effective working of cochlear implants in patients. *Java, CoffeeScript.*

IdeaBoard (2015)

- Web application allowing people to create boards with customisable notes. *JavaScript, NodeJS, HTML, CSS.*

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.*

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