Abdurrahman Dridi

Education

2014–2018	**BSc Computer Science**, *University Of Manchester*. Expected Graduation: December 2018. Relevant Modules: Machine learning, Agile Software Engineering, Advanced Algorithms, Software Evolution.
2013–2014	**A-Levels**, *New College Nottingham*, *A*AB*. Arabic(Lit) A*,Maths A,Physics B. Maths and Physics AS & A2 were done in 1 year.
2011–2013	**International Baccalaureate**, *Bilborough College*, Nottingham, *25 Points*. HL:French, Chemistry, Physics. SL:English, Maths Studies, Economics.

Programming Experience

3rd Year Project	**Lexical Disambiguation**. A Natural Language Processing project which performs Word Sense Disambiguation using the Random Walk Disambiguation and Similarity Measures algorithms. Implemented in Python, NLTK's WordNet was used as a Lexical Database on which the algorithms operated, the first of which involved the conversion of the WordNet hierarchy into a graph and subsequently caching it in order to perform the Personalised PageRank operation. Numpy was used to store the WordNet graph as a sparse matrix and both algorithms were tested against Senseval 2&3 data sets.
2nd Year Project	**Stendhal**. Open Source Java MMORPG which my team(of 6) and I contributed towards, deployed, tested, debugged and built locally over 12 weeks. It has over 6000 classes, with more than a decade of commit history. To achieve this we used the following tools: JUnit, Apache Ant, SonarQube, Eclipse, Git and Jenkins.
1st Year Project	**Leasily**. Web App that allows the sharing of learning resources. I worked on both the front end and back end, using the CodeIgniter MVC PHP framework along with BootStrap for the front end and MYSQL for the database.

Programming Languages & Proficiency:

Java,Python	**Intermediate**. Java experience gained through personal projects along with 1st and second year modules. Python experience gained mainly through third year project.
Matlab, Verilog, C, SQL	**Novice**. These are the languages that I've used during the Machine Learning, Engineering, Algorithms and Databases modules respectively.

Extracurricular Activities

Hacksoc Hackathon Organizer	My organizing role was to coordinate volunteers prior to Hackathons as well as on the day, whilst keeping the membership happy and offering any technical knowledge that I had on the day. Hackathons I've helped organize include GreatUniHack(2016) and StudentHack(2016).
UOM Isoc Vice President	Started as a volunteer, went on to be elected as a committee officer and was finally elected as a vice-president of the largest society at my university and one of the largest in the UK. I led a core team of 11 committee officers on a daily basis and over 50 volunteers to actively serve and represent thousands of students.

Languages

Profiency

English	Native	Arabic	Native
French	Minimal Working Proficiency		

Interests

Powerlifting	A competitive form of weightlifting which acts as a great stress reliever and keeps me mentally and physically fit!
Hackathons	A hobby I picked up whilst at university, great for befriending other developers who are passionate when it comes to programming.

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