

# Amr Ellabban

☎ +44 791 2652663 • ✉ amr@robots.ox.ac.uk • 🌐 www.amrellabban.com

## Education

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### University of Oxford, Magdalen College

DPhil Engineering Science (Computer Vision and Machine Learning)

2009–2013

- Developed new methods to automate large-scale quantitative analysis of biological data
- Worked on four cross-disciplinary projects with international collaborators
- Research has resulted in four publications as first author.

### University of Oxford, Magdalen College

MEng Engineering Science, First Class Honours

2005–2009

Elected Exhibitioner of Magdalen College (academic award) for three academic years

## Experience

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### VisualDNA

Research Engineer

2014–present

Technology company using psychological testing and big data analysis, for applications in online marketing.

- Analyse large scale data using R and Scalding
- Developed performance measures for internal algorithms.
- Designed and implemented various machine learning algorithm improvements

### Student Consultancy, University of Oxford

Consultant

Spring 2013

Volunteer consulting project to research and develop an effective marketing strategy for local web-based startup

- Responsible for all interactions with client Managing Director and determining scope of the project
- Led a team of four students
- Designed market surveys and analysed data

### Digital Bottles

Founder and Developer

2012–2013

A non-profit social website, *digitalbottles.com*, effectively digitising the process of sending a message in a bottle

- Designed and implemented algorithms for message distribution
- Attracted over 400 registered users in first two months of operation

### Oxford Capital Partners

Intern

Summer 2007

Venture capital firm based in Oxford specialising in science and technology investments

- Conducted intellectual property due diligence and financial modelling
- Produced marketing material, reporting directly to CEO
- Prepared CFO's presentation for investors

## Positions of Responsibility

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### Vice President

Magdalen College graduate common room

2011

- Managed duties of 20 person committee
- Represented student body in negotiations with college

### Captain

Magdalen College graduate football team

2010–2011

- Organised matches against other Oxford colleges
- Managed team budget for equipment, transport and referee fees
- Led team to first promotion in over three years

## Languages

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Native: English, Arabic

Conversational: French

## Computer skills

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Office: Excel, PowerPoint, Word

Programming: MATLAB, R, Scala, Python