Ossama Edbali

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EDUCATION

- **University of Birmingham** — Birmingham, UK
  MSci in Computer Science; Current avg. grade: 75/100; Expected grade: 1st class — *Sep. 2014 – Jul. 2018*

- **G. Marconi Institute of Technology** — Rovereto, Italy
  High School Diploma in Computer Science; Overall: 100/100; CS: 15/15, Maths: 14/15 — *Sep. 2008 – Jun. 2014*

PROGRAMMING SKILLS

- **Programming languages**: JavaScript, PHP, C, C#, Java, Python, R, Haskell and OCaml.
- **Tools**: git, config and build tools (webpack, gulp), testing suites (MochaJS, Java TestNG etc. . .)
- **Frameworks/Stacks**: PHP Laravel / CodeIgniter / NodeJS, Django, MEAN stack, ReactJS and BackboneJS.

EXPERIENCE

- **Lightbox Digital** — Birmingham, UK
  Web Developer — *Aug 2017 - Present*
  - **Internal projects**: Worked on internal projects developing SEO automation (link building). In this project we used Laravel for the API and React for the frontend. The development phase has been preceded by a design phase where all the API endpoints, database and application requirements have been defined.
  - **Client projects**: Worked on various client projects developing APIs using Laravel.

- **Code First Girls (Entrepreneur First)** — Birmingham, UK
  Frontend Web Development Lead Instructor (Instructor of the Month of April 2016) — *Jan 2016 - May 2016*
  - Delivered the course and took the students through the teaching material and competition.
  - Tracked student progress and assessed understanding through targeted questions.

- **Codemakers** — Derby, UK
  Web Developer — *Jul 2015 - Sep 2015*
  - Bespoke API development using Laravel and CodeIgniter (SOAP web services).
  - Refactoring and porting previous projects.
  - Improved skills in git workflow, unit testing of web applications, design patterns (repository, facade and dependency injection), team interaction and handover.

- **Codemakers** — Derby, UK
  Web Developer Intern — *Aug 2014 - Oct 2014*
  - Database and web application optimisation: query optimisations, network requests inspections, reduce the number of repaints and reflows. These optimisations have brought a massive decrease in loading time on client projects.
  - Refactoring and porting of projects.
  - Improved skills in detecting "bad code smells", refactoring, web application and database performance monitoring.

- **Web Valley, Bruno Kessler Foundation** — Castello di Fiemme, Italy
  Researcher — *Jun 2013 - Jul 2013*
  - Worked with a team of young researchers from around the world to implement a web platform for bioimaging.
  - Aim: design a novel web tool for studying change in cells (e.g. in morphogenesis or in disease) from different points of view and in interdisciplinary teams.
  - My team was in charge of developing the API structure and the web interface of such tool (using Django Python). The biological data came from studies of a group of international researchers and scientists.

- **Vallagarina Provincial Council** — Rovereto, Italy
  Web Developer and Analyst Intern — *May 2013 - Jun 2013*
  - Developed the mobile version of the already existing desktop website using jQuery Mobile.
  - Developed some useful JavaScript widgets in the ecology section (autocomplete, pagination etc. . .).
  - Gathered, analysed ecological data and produced detailed reports on the city council waste disposal.