

Pietro Battilana

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EDUCATION

- **University of Bologna** Bologna, Italy
Master of Science in Computer Science; 110/110 cum laude *Sep. 2016 – Oct. 2018*
 - **Thesis:** “Convolutional Neural Networks for Image Style Transfer”
- **University of Ferrara** Ferrara, Italy
Bachelor Degree in Computer Science; 107/110 *Sep. 2013 – July. 2016*
 - **Thesis:** “Document elaborations via XML based tools”
- **“J.M. Keynes” High School** Castle Maggiore, Italy
Scientific and Computer Science (PNI) Curricula *Aug. 2008 – July. 2013*

EXPERIENCE

- **Di. Tech S.p.A.** Bologna, Italy
Software Engineer Intern *Nov. 2015 – Apr. 2016*
 - **Reports layout:** Created several XML (XSL-FO) layouts converting plaintext web-EDI (Euritmo) encoded messages into human-readable PDF documents.
 - **Software engineering:** Developed a C# Windows scheduled task compressing log files.
 - **Software testing:** Tested functionalities of a fullstack Javascript (Node.js - Angular) webapp.

PUBLICATIONS

- **Automatic Point-of-Interest Image Cropping via Ensembled Convolutionalization:** Asperti Andrea, Battilana Pietro. International Journal of Neural Networks and Advanced Applications (ISSN: 2313-0563; [Volume 5, 2018](#)).

PROGRAMMING SKILLS

- **Languages:** Bash, C, C++, CSS, C#, Erlang, Go, HTML, Haskell, Java, Javascript, Jolie, Kotlin, LaTeX, Lua, MATLAB, ML, OCaml, Octave, PHP, Pascal, Prolog, Python, Ruby, Rust, SQL, Scala, VB.NET, Wolfram Language, XML, XML-FO, XPath, XSLT
- **Technologies:** ANTLR, Adobe XD, Android, AngularJS, Apache Tomcat, Arduino, Balsamiq, Blender, Bootstrap, Bootstrap, CUDA, Camunda, Express.js, Flask, Google Cloud Platform, Hibernate, IBM DB2, JBoss/WildFly, Jekyll, Keras, Microsoft SQL Server, MongoDB, MySQL, Neo4j, Neo4j, Node.js, OpenGL, Oracle 11g, PyTorch, Raspberry Pi, Spark, Tensorflow, Three.js, jQuery

TRANSVERSAL SKILLS

- **Languages:** Italian native speaker. English proficient user.
- Since 2013 member of the *Associazione Italiana Arbitri* (AIA) as an active **soccer referee** in official FIGC championships. This activity taught me how to handle a wide array of personalities and behaviours in high-stress environments.
- Great ability to comply with the deadlines and work in a team.
- Involved in several volunteering and kids entertainment activities.

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