

Matteo Michelotti

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Skills & Abilities

TECHNICAL SKILLS

- **Programming:** C, C++, C#, Matlab, R, Python, Fortran
- **Front-End Web Development:** HTML, CSS (Bootstrap, Semantic-UI), JavaScript, jQuery
- **Back-End Web Development:** Node, Express, NPM, Passport, MongoDB, SQL
- **Software:** MS Office Suite (Word, Excel, PowerPoint, OneNote), Adobe Suite (Photoshop, InDesign)
- **Systems:** Proficient in Windows and Linux operating systems and applications.

ANALYTICAL SKILLS

- Experienced in data collection and analysis
- Experienced in applied mathematics, descriptive and inferential statistics, including distribution, correlation and regression analysis

LANGUAGE SKILLS

- Fluent in English and Italian, written and spoken.

PORTFOLIO

- matteomichelotti.com/portfolio

Work Experience

RESEARCH FELLOW | AGENZIA REGIONALE PER LA PROTEZIONE AMBIENTALE (REGIONAL ENVIRONMENTAL PROTECTION AGENCY) | 06-01-2014 TO 05-31-2015

- **PROJECT:** Lead researcher of the project “Evolution of air quality in Emilia-Romagna (Italy) and climate change scenarios”
- **RESPONSIBILITIES:** Collected temperature and ozone data from different European governmental and academic sources. Developed and calibrated statistical models to analyze the data, and determined through statistical analysis the possible future trend. Collaborated and coordinated with faculty and agency scientific personnel.

- **PUBLICATIONS:** Lead author of the scientific publication: “Assessment of Tropospheric Ozone Increase in Future Climate Change Scenarios”

Education

MASTER OF SCIENCE IN PHYSICS | 12-20-2013 | UNIVERSITY OF BOLOGNA (BOLOGNA, ITALY)

- Area of study: Physics of the atmosphere
- Dissertation title: The Atmospheric Stable Boundary Layer: Data Analysis and Comparison with Similarity Theories.

BACHELOR OF SCIENCE IN PHYSICS | 07-16-2008 | UNIVERSITY OF TRENTO (TRENTO, ITALY)

- Area of study: Physics
- Dissertation title: Comets and Climate