

# Andrea Semprebon

## Curriculum vitae

✉ [andreasemprebon@gmail.com](mailto:andreasemprebon@gmail.com)

 [andrea-semprebon](#)

 [andreasemprebon](#)

Birthdate: May 10, 1993

Birthplace: Trento, Italy

## Education

2015–2017 **Alta Scuola Politecnica**, *Politecnico di Milano - Politecnico di Torino*, Milan, Italy.

2015–2017 **MS, Computer Science and Engineering**, *Politecnico di Milano*, Milan, Italy.

2012–2015 **BS, Computer Science and Engineering**, *Politecnico di Milano*, Milan, Italy.

Mark: 110L/110

2007–2012 **Diploma Scientific High School Degree**, *Liceo Scientifico "Galileo Galilei"*, Trento, Italy.

Mark: 100/100

## Activities

2007 **Participant**, *4<sup>th</sup> place - Campionati Nazionali Polivalenti*, Pesaro, Italy.

2008 **Participant**, *2<sup>nd</sup> place - Campionati Nazionali Polivalenti*, Pesaro, Italy.

During this annual competition, students from all high schools in Italy compete against each other. I achieved these results in the category *web*: it consists in creating a website for a specific theme in a very short time range.

2009 **Participant**, *1<sup>st</sup> place - Italian RoboCup Junior 2009*, Turin, Italy.

2009 **Participant**, *Global RoboCup Junior 2009*, Graz, Österreich.

RoboCup Junior is a project-oriented educational initiative that sponsors local, regional and international robotic events for young students up through age 19. I was part of the team Cyber-Leo which won the Italian competition in the category Rescue Secondary.

2011 **Participant**, *WebValley*, Transacqua, Italy.

Attended a 3 week summer school called WebValley ([http://webvalleyold.fbk.eu/?page\\_id=3](http://webvalleyold.fbk.eu/?page_id=3)) in Transacqua, Trento. My project was a Web-Kinect-GIS interface to compute and show climate change scenarios and complex environmental data.

## Technical Experience

### Extremely Proficient With

languages Python, PHP, JavaScript, Matlab, HTML, CSS, JSON, SQL  
technologies MySQL, L<sup>A</sup>T<sub>E</sub>X, Bash Scripting, Git, jQuery, Windows, Ubuntu, macOS

### Have Experience With

languages C, Ruby, Java, Objective C, Eiffel, VHDL, Swift, NBC  
technologies Apache, Emacs, Photoshop, Eclipse, Lego NXT, Arduino, RaspberryPI

## Relevant Coursework

computer science Automation And Control In Vehicles, Machine Learning, Robotics, Numerical Analysis, Computer Graphics, Computer Security, Soft Computing, Autonomous Agents And Multi-agent Systems, Soft Computing, Artificial Intelligence, Game Theory, Image Analysis And Computer Vision

## Areas of Interest

Robotics, Swarm Robotics, Multirobot Systems, Machine Learning, Web and Mobile Programming, Fitness and Fitness-related Data Analysis