

SUMMARY Radiologist with background in biomedical/electrical engineering, professional software development and medical research experience both in the U.S. and Europe. Dual U.S. and E.U. citizen. Currently, Research Scientist at University Hospital Basel, Switzerland.

EDUCATION

07/13-9/15 **Boston Childrens Hospital, Harvard Medical School**, Boston.
Research Fellowship in Pediatric Neuroradiology.

06/11-7/14 **University of Milan**, Milan, Italy.
Radiology Residency. Completed July 2014.

06/09-05/11 **University of Verona**, Verona, Italy.
Radiology Residency first biennial.

1/02-3/07 **Università Cattolica del Sacro Cuore**, Rome, Italy.
Medical Degree. Cum Laude. March 2007. Italian Board Certified July 2007.

9/93-5/95 **Columbia University**, School of Engineering and Applied Science, New York City
M.S. in Electrical Engineering May 1995, GPA 3.8/ 4.0

9/84-5/86 **Case Western Reserve University**, Cleveland, Ohio.
B.S. in Biomedical Engineering August 1986, Magna Cum Laude , GPA 3.5/4.0

9/82-5/84 **Rensselaer Polytechnic Institute**, Troy, New York.
Biomedical Engineering first biennial. GPA 3.5/4.0

RELEVANT WORK EXPERIENCE

11/15- RESEARCH SCIENTIST

Present **Radiology and Nuclear Medicine Dept., University Hospital Basel**, Basel, Switzerland.
Technical lead for the development of an automated pipe-line for large-scale retrospective imaging research. Created software tool to perform large-scale image identification and automated post-processing. Applied tool to the processing of over 10,000 CT's in an osteoporosis study. Developed in Java/ImageJ. To be presented at RSNA2016 (Event#16009663).

9/08-2/09 GUEST SCIENTIST

German Cancer Research Center (DKFZ), Heidelberg, Germany.
Sub-investigator for a research project to enhance pancreatic cancer characterization using a novel magnetic resonance technique to extract perfusion information from diffusion data. Responsible for coding and testing of a Java/ImageJ based software to post-process image data. Compiled manuscripts featured in an industrial trade journal (MAGNETOM Flash, Issue 41, Siemens Healthcare Global) and published in an ISMRM journal (Re TJ et al. *Magn Reson Med.* 2011).

3/99-5/99 SOFTWARE CONTRACTOR

Hewlett-Packard Company (HP), Cupertino, CA.
Created support utilities for an Internet services product demo coding in Java.

3/97-8/98 SENIOR SOFTWARE ENGINEER

Iconix, Inc. , Bethesda, MD.
Joint Project with **Deloitte & Touche Consulting** and **MCI**.
Technical lead for the front-end tier of a web based enterprise wide sales force automation system. Coded extensively in Java.

9/95-2/96 SOFTWARE ENGINEER INTERN

International Business Machines Corporation (IBM), Rome, Italy.
Created a web robot in C++ for automatic data retrieval.

5/88-9/93 MEDICAL APPLICATIONS DEVELOPER

Sistemi Informativi Multimediali srl, Rome, Italy.
Developed medical imaging analysis software in the fields of: orthodontics and cardiology.

1/87-9/87 COMPUTER INSTRUCTOR, Caritas: Ethiopian Refugee Program, Rome, Italy. Volunteer.

MISC : United States Citizen & Italian/European Union Citizen. Native to NYC.

Languages: Fluent in English/Italian. Introductory level studies in: French, German, Ahmaric (Ethiopia), Mandarin.
Hobbies: Cross-country Bike touring especially of the Italian Appennini Mountains.

References and details available on request.