

Fabio Azzarello



WORK EXPERIENCE

29 JUL 2019 - CURRENT - Pavia, Italy

Field Engineer

SEA Vision s.r.l.

Employing vision systems for blisters inspection and pharmaceutical serialisation.

Main activities consist in installation, validation and troubleshooting on different types of packaging machines (blistering and thermoforming machines, cartoners, print&check systems, case packers, all-in-one systems) according to customer necessities. Side activities involve correct configuration of cameras with related optics as well as industrial printers and interfacing the vision system with customer's IT infrastructure. I was also involved in an R&D project for the development of a new machine, actively collaborating with the software department by testing the software as well as suggesting algorithms for data processing. I have also been involved in a R&D project with hyperspectral cameras.

The role involves direct and constant customer facing either with manufacturer of packaging machines and customer of pharmaceutical industries, from small contract manufacturers to huge pharmaceutical multinationals. Flexibility is a crucial skill due to the high rate of business trips (around 200 days per year).

13 JUN 2011 - 29 JUL 2011 - Cassina De' Pecchi, Italy

Educational IT Internship

Ecoemmetech s.r.l.

5 weeks internship for educational purposes as IT technician in a small-sized company. Principal mansions included PC

troubleshooting (both hardware and software), home assistance, IT consulting (public relations), PC assembling.

EDUCATION AND TRAINING

APR 2016 - APR 2019 - Milano, Italy

Master's Degree in Biomedical Engineering

Politecnico di Milano

Specialization: Engineering of cells, tissues and biotechnologies. Main fields of study involved nanomaterials and nanomedicine (mainly drug and gene delivery), proteomics, bioinformatics and biophysics of low-dimensional systems. I integrated my studies with physics topics like quantum theory and solid state physics.

Thesis: Characterization of a time-domain Near-Infrared Spectroscopy device and its application on skeletal muscle. The work has been carried out in the Department of Physics of Politecnico di Milano, where I characterized and

employed a pulsed laser-based system to non-invasively study oxidative metabolism and hemodynamics of skeletal muscle using Time-Domain Near-Infrared Spectroscopy (TD-NIRS) technique. I have also been a subject in one of the experiments contained, which has been accepted and became a proceeding in a congress (2019 SPIE/OSA ECBO)

2012 - 2015 - Milano, Italy

● Bachelor's Degree in Biomedical Engineering

Politecnico di Milano

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

English

Listening
B2

Reading
C1

Spoken
production
B2

Spoken
interaction
B2

Writing
B2

COMMUNICATION AND INTERPERSONAL SKILLS

● Soft Skills

During my educational and professional experience, I both worked alone and in team. I did not have any problems collaborating with people of different nationality or culture. I can self-coordinate my work or, eventually, other people's one by considering either personal interests/abilities and collective necessities.

TECHNICAL SKILLS

● Job-related skills

I have a strong Computer Science background, either due to High School Education and Professional experience.

I had practical experience with chemical laboratories, especially on cell cultures and nanomedicine: I synthesized different types of nanoparticles for drug and gene delivery. I also had educational experience with proteomics-related techniques like chromatography, ELISA, Western blot, electrophoresis and mass spectrometry protocols.

During my thesis experience I worked with optoelectronics and photonic technologies, especially pulsed diode lasers and hybrid photomultiplier tubes as well as Time Correlated Single Photon Counting.

CERTIFICATIONS

- **Introduction to Marketing (2020)**

Wharton University of Pennsylvania

www.coursera.org/verify/QAJUF5C9DTEM

- **Fundamentals of Management (2020)**

University of California Irvine

www.coursera.org/verify/WRPZQXLD99B6

- **Effective Problem-Solving and Decision-Making (2020)**

University of California Irvine

www.coursera.org/verify/6H87ULRCED26

- **Work Smarter, Not Harder: Time Management for Personal & Professional Productivity (2020)**

University of California Irvine

www.coursera.org/verify/8SCZJWYNJ9KY

- **International Leadership and Organizational Behaviour (2020)**

Università Bocconi

www.coursera.org/verify/FY95T8ELP7CP

- **Fundamentals of Project Management and Planning (2020)**

University of Virginia – Darden School of Business

www.coursera.org/verify/QHHWYCYX4AB

- **IELTS (2015)**

British Council

Possession of English proficiency in reading, writing, listening and speaking

- **IT essentials: hardware and software (2011)**

Cisco

Possession of several technical IT skills