







PERSONAL INFORMATION

Bijay Timilsina



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WORK EXPERIENCE

01/10/2015–29/02/2016

Internship

Hospital Clinic de Barcelona, Barcelona (Spain)

- Market study, current developments and tendencies of Antibacterial materials.
- Systematic Literature Review of Antibacterial additives/coatings.
- Informal information exchange with business related to antibacterial products and laboratory testing of certain products.

EDUCATION AND TRAINING

15/09/2011–15/05/2016

Bachelors Degree in Biomedical Engineering

EQF level 6

Universidad Politecnica de Catalunya, Barcelona (Spain)

Basic Courses:

- Physics, Mathematics, Informatics, Statistics, Chemistry, Business, Finance and Project Management
- Electrical, Electronics and Mechanical Systems, Fluid and Heat Transfer Mechanics, Environmental Technology, Industrial Control and Automation

Specific Courses:

- Biology, Physiology, Biomechanics, Biomaterials
- Biomedical Signals and Image Processing, Biomedical Sensors and Signal Conditioners, Biomedical Devices, Hospital Security and Clinical Engineering
- Research opportunity at Hospital Clinic de Barcelona

PERSONAL SKILLS

Mother tongue(s)

Nepali

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	B2	C1
Spanish	B2	C1	B2	B1	C1
Catalan/Valencian	B2	B2	B1	A2	A2
Hindi	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

Communication skills

- Good teamworking, communication and interpersonal skill learned through my daily life activities and university project activities.
- Cheerful and empathetic personality that helps people feel comfortable.

Organisational / managerial skills

Teamwork, Project management, Project planning and resource management skills learned from daily life works and university projects.

Job-related skills

- Good command of the basics of all major traditional engineering fields such as electrics, mechanics, mathematics, automation etc.
- Well versed in database management, web designing, and basic programming languages and softwares.
- Medical imaging techniques, clinical engineering, biomedical research knowledge and capability.
- Technical File Validation, modulation and simulation of medical devices.
- Good problem solving capability, management and planning skills, business values and knowledge of interrelationship between technology and business.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Independent user	Independent user	Independent user

Digital competences - Self-assessment grid

- Programming language like Python, Delphi etc
- Database management tools like MySQL, R
- Frontend web designing tools like HTML, CSS, javascript
- Designing tools like Photoshop, Solidworks
- Microsoft office tools like Microsoft Excel, Powerpoint etc
- Other specific work tools like Maple, PLC-KOP, Simulink etc