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**OBJECTIVE:** To obtain a V.I.E (Volontariat en Entreprise) position in a materials Research & Development department at Saint-Gobain.

## EDUCATION

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- 2001/2005:** Third to fifth academic years at the **Ecole Nationale Supérieure de Chimie of Montpellier** (ENSCM), France - A selective graduate school of chemistry and chemical engineering  
**2004/2005:** International scholar exchange – **Eidgenössische Technische Hochschule** (ETH - Federal Institute of Technology), Zürich, Switzerland – work language: English  
**Sept. 2005 :** Graduation as an “Ingénieur Chimiste” - equivalent to M.S - Materials chemistry option
- 1999/2001:** Two years of intensive undergraduate education in highly selective Preparatory Courses leading to the competitive entrance examination to French *Grandes Ecoles* (Institutes of sciences and technology), Nîmes, France

## INDUSTRY EXPERIENCE

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- 2004/2005:** Research project  
11 months  
**Functional Materials Laboratory** (ETH Zurich, Switzerland) directed by Prof. Jan W. Stark -  
Topic: Improving properties of biopolymer, adding calcium phosphate nanoparticles
- ◆ *Synthesis of nanoparticles by flame spray pyrolysis*
  - ◆ *Enhanced my competences and knowledge in analysis of materials behaviors*  
mechanical properties: *young modulus, yield stress...*  
chemical properties: *biodegradation, biocompatibility ...*
  - ◆ *Developed my adaptability in a international environment*
- 2004:** Internship as an Engineer-student  
3.5months  
Small French company (50 employees) specialising in insulating materials and electrical components coating
- ◆ *Maintenance audits*
  - ◆ *Analysis and new design of the database for preventive maintenance*
  - ◆ *Development of a water varnish*
  - ◆ *Increased my knowledge in the field of materials and of industrial constraints*
- 2002:** Internship as a Technician in the gas chromatography laboratory  
1.5 months  
French subsidiary of a Belgian research and consulting company -
- ◆ *Analysis of potentially present pesticides in fruits and vegetables*
  - ◆ *First steps toward the design of Florexipyr extraction from soils and waters*
  - ◆ *Improved my teamwork skills*
  - ◆ *Became familiar with research-working techniques and procedures*
- 2001:** Internship as a Technician in the physicochemical laboratory (Quality department)  
1month  
Glass industry (**Nestlé Waters group**) –
- ◆ *Everyday controls of glass quality (texture, density, color,...)*
  - ◆ *First contact with the industrial world*

## OTHER EXPERIENCE

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- 2006/2007:** Administrator and scientific popularizer  
12 months  
**Les Atomes Crochus (Ecole Normale Supérieure - ENS- Paris)**  
French association for the popularization and divulgation of sciences
- ◆ *General administration*
  - ◆ *Website administration*
  - ◆ *Promotion and organization of scientific theatrical performances (50 perf. a year)*
  - ◆ *Performed scientific popularization shows and instructed teachers to make science accessible*

**2005 :** Summer job as a data manipulator  
1.5 months Revue of the French Chemical Society- Paris

- ◆ *Input of data to the revue's online database*
- ◆ *Summaries of articles (in French and in English)*
- ◆ *Improved my knowledge of database design.*

## FOREIGN LANGUAGES

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**French:** Native language  
**English:** Fluent (First Certificate in English of Cambridge, June 2000)  
**Spanish:** Fluent  
**German:** Conversational

## IT SKILLS

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Office software: Skilled user - (*Word, Excel, PowerPoint...*), *Photoshop*  
Databases: *MS Access, File Maker Pro, MySQL*  
Webpage design: *HTML, PHP*  
Modeling software: Some experience of *Isis Draw* and *Hyperchem* (drawing and modeling of molecules in 2D and 3D)  
Programming: Visual Basic (advanced), C and C++ (basic) - algorithm design, data structure, numerical analysis...

## PERSONAL INFORMATION

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European first aid certificate  
Full driving license  
French youth leader certificate  
Member of the organization team of the « Paris-Montagne » sciences festival in Paris (ENS)  
President of Wine-Tasting and Drama Club at **ENSCM**  
Born: 11/12/1981      Nationality: French

## REFERENCES

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Available on request

## PUBLICATION

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S. Loher, **V. Reboul**, T. J. Brunner, M. Simonet, C. Dora, P. Neuenschwander and W. J Stark, [Improved degradation and bioactivity of amorphous aerosol derived tricalcium phosphate nanoparticles in poly\(lactide-co-glycolide\)](#), *Nanotechnology* 17 2054-2061 (2006)