

Philippe Vincent

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CAREER OBJECTIVE

To further develop my civil engineering knowledge, skills and experience by working in a motivating and dynamic team environment.

EDUCATION

2001-March 2003 : **Master of Science in Civil and Environmental Engineering**

UNSW, University of New South Wales (Sydney, Australia)

- International Project Management and Team Management,
- Water and Groundwater Engineering,
- Coastal Engineering.

Achievement : Distinction

2001-2002 : **Master of Science in Civil Engineering**

ENSTIMA (Ecole Nationale Supérieure des Techniques Industrielles des Mines d'Ales), French National Engineering College, (Ales, France).

Civil Engineering Design (Reinforced Concrete, Pre-stressed and Post-stressed Concrete Structures, Steel Structures, Continuum Mechanics, Soil Mechanics, Bridges and Tunnels Design).

Achievement : Distinction

1998-2001 : **Entrepreneurial Engineering Degree**

ENSTIMA (Ecole Nationale Supérieure des Techniques Industrielles des Mines d'Alès), French National Engineering College, (Ales, France).

Three years of General Engineering, studying Physics, Mathematics, Chemistry, Electronic, Mechanic, Computing...

Achievement : Distinction.

1998 : **Preparatory classes, Lycee Saint Louis, Paris**

Gained entry to French state-run engineering school through competitive written and oral examinations.

1997 : **Scientific Baccalaureate (Equivalent HSC)**

Main subjects : Math, Biology, Physics and Chemistry.

Minor subjects : Literacy, Geography, History, Philosophy, English, Spanish and Computer science.

Achievement : High Distinction.

CAREER HISTORY

June-Dec 2002 : Consulting for the Water Research Laboratory

Water Research Laboratory (Manly Vale)

Development of a 3D visualisation application for pollutant concentration and velocity distribution in lakes and ponds.

Contact : Brett Miller, B.Miller@unsw.edu.au

May-Oct 2001 : Engineer Assistant for Geonumeric

Geonumeric in Grenoble (France)

Achievements :

- Structural calculation in finite elements : Viaduct of Millau.
- Development of computer applications in Geographical Information Systems (Visual Basic, Fortran, VRML).

Contact : geonumeric@wanadoo.fr.

May-Oct 2000 : Field Engineer in Civil Works

Cogenal, Public work company in Madagascar.

Achievements :

- Field Engineer on building site in the area of Antananarivo and Mahajunga.
- Creation of estimates.
- Organisation of the staff training to informatic softwares (Autocad, MS Project, MS Office).

June-Aug 1999 : Line Driver training course

Line Driver training course for GKN Glaenzer Spicer factory of Arnage

Various part time and casual jobs in restaurants, cafes, associations, and building sites.

KEY SKILLS

Computer :

- Proficient with Word, Excel, PowerPoint, MS Project, AutoCAD 2000, Adobe Indesign, Photoshop, Adobe Illustrator.
- Programming languages : Turbo Pascal, Turbo C, C++, Visual Basic, Tcl/Tk and Fortran.
- Finite elements software : ANSYS, Catia.

Written Communication :

I have developed and demonstrated my written communication skills in my extensive report writing, research proposal preparation and through my own determination to express myself clearly, appropriately and professionally in writing in both English and French. I have learned that planning, researching, drafting, editing, and proofreading written work is essential to produce clear, accurate, and interesting material. Throughout my degree and work experience I have written complex reports, technical specifications, newsletters, and marketing information.

Interpersonal :

Several team projects and experiences have improved my ability to work co-operatively towards team goals, sharing information, vision, ideas and experience with other team members. It has taught me about the need for strong communication systems within a team.

The regular use of presentations as a form of assessment has developed my presentation skills, particularly my ability to structure a presentation to for interest, to express complex ideas simply and to use MS Powerpoint.

Analytical :

Throughout my undergraduate and postgraduate education I have been required to solve complex engineering projects. These projects have provided cutting edge, high pressure learning opportunities. I have learned how to identify, define, research and solve problems by synthesising and integrating key information and forming and testing hypotheses.

Languages :

- Native speaker of French.
- Fluent in English (First Certificate of Cambridge with distinction, TOEFL 243, IELTS 8/9).
- Fluent in Spanish.
- Beginner in Italian (6 month of studying).

EXTRA CURRICULAR ACTIVITIES

Swimming, member of AS Beziers Club for 6 Years.

Interests : windsurfing, rockclimbing, horse riding, handball, tennis, rock'n roll.

Involved in student life, in charge of social and cultural activities club in Ales school of Mines.

REFEREES

Dr Cox, Head of Water Research Laboratory. Tel: 0419203775.
Email : r.cox@unsw.edu.au.

Dr Bill Peirson, Professor of Coastal Engineering at WRL.
Email : w.peirson@unsw.edu.au.

Mr John Chia, Managing Director of IBDC Advisory services.
Email : jchia@ibdc.com.au.