

Curriculum Vitae



Personal Information

First name (s) /Surname (s)	Hugo Miguel Duarte Trigo		
Address(s)	Rua Oliveira Gaio, nº23, R/C, Hab.5. 4465-219 S. Mamede de Infesta. Portugal		
Phone	--	Mobile phone:	(+351) 919601790
Fax	--		
e-mail address	Hugo.trigo@netcabo.pt		
Nationality	Portuguese		
Date of birth	04.06.1980		
Gender	Male		

Desired employment / Occupational field

Senior Structural Engineer

Professional Experience

Dates	From 01.09.2011 until presente date		
Occupation or position held	Senior Structural Engineer. Head Chief of Structural Department		
Main activities and responsibilities	Structural analysis and design of special structures. Coordination of Structural designers		
Name and address of employer	Ferreira Lemos Engenharia, Lda. Rua Sá da Bandeira, 806, 1º Andar. 4000-432 Porto. Portugal Phone: (+351) 222 006 316 - Fax: (+351) 222 006 328 - http://www.flengenharia.pt		
Type of business or sector	Engineering Consultancy		

Dates	From 01.07.2007 to 31.08.2011.
Occupation or position held	Senior Structural Engineer – Precast Concrete Industry Director in the year 2010
Main activities and responsibilities	Site Construction Manager and industrial production Development of production processes and prefabrication industry layout. Coordination and management of medium size team works. Assembly of precast elements – Box Culverts, WC monoblocks, concrete panels. Structural analysis and design – Construction and cost estimating projects Industrial precast and prestressed buildings; Pedestrian Crossings Several precast elements for buildings such as WC monoblocs, façade panels, beams, columns, connections, etc. Box Culverts, Water channels, Water tanks Cost Estimation Precast concrete (bridges, viaducts, water channels and tanks, industrial buildings, bathroom monoblocs, façade panels, box culvert, etc.) Prestressing (bridges, viaducts, industrial buildings, silos, water tanks, etc.) Detailed projects for Production Precast elements Prestressed elements I was answering directly to the Main Director of the company.
Name and address of employer	Indubel, indústrias de betão, S.A. Quinta da Rainha – Rua de Santa Apolónia 4410-022 Serzedo – Vila Nova de Gaia. Portugal Phone: (+351) 226 076 900 - Fax: (+351) 226 000 181 - www.indubel.pt
Type of business or sector	Prefabrication & Construction.
Dates	From 01.09.2005 to 30.06.2007
Occupation or position held	Structural Engineer
Main activities and responsibilities	Structural analysis and design of several structures, using 3D finite element models (bridges, buildings, dam components, water tanks, Aeolian generator foundations) Hydraulic and Structural analysis and design of small dams Hydraulic and Structural analysis and design of hydraulic stair elevations for fishes Coordination and surveillance of construction works. Technical reports of construction pathologies I was answering directly to the Technical Director.
Name and address of employer	Ferreira Lemos Engenharia, Lda. Rua Sá da Bandeira, 806, 1º Andar. 4000-432 Porto. Portugal Phone: (+351) 222 006 316 - Fax: (+351) 222 006 328 - http://www.flengenharia.pt
Type of business or sector	Engineering Consultancy
Education and training	
Dates	From September'98 to February'05
Title of qualification awarded	Graduation in Civil Engineering, a five year graduation. [Specialization in Structures]
Principal subjects/occupational skills covered	Specialization in Structures [1 year of the graduation] Prestressed Concrete Complements of Reinforced Concrete Shell and Membrane Structures Foundations Structural Dynamics and Seismic Engineering Tall Buildings Advanced Analysis of Structures Steelwork Design.
Name and type of organisation providing education and training	Faculdade de Engenharia da Universidade do Porto Rua Dr. Roberto Frias, s/n 4200-465 Porto. Portugal Phone: (+351) 225 081 400 - Fax: (+351) 225 081 440 - www.fe.up.pt
Level in national or international classification	National Level: 13/20 Specialization Level: 17/20

Dates From September'93 to July'98
 Title of qualification awarded High-School Graduation
 Principal subjects/occupational skills covered Sciences Area
 Name and type of organisation providing education and training **Escola Secundária C/3º CEB de Oliveira do Hospital.**
 Apartado 147. Oliveira do Hospital. Portugal
 Phone: (351) 238 600 740 - Fax: (351) 238 600 742 - www.esoh.pt
 Level in national or international classification National Level: 16/20

Date June, 2004
 Event Workshop "Bridges for High-Speed Railways"
 Name and type of organisation providing education and training **Faculdade de Engenharia da Universidade do Porto**
 Rua Dr. Roberto Frias, s/n
 4200-465 Porto. Portugal
 Phone: (+351) 225 081 400 - Fax: (+351) 225 081 440 - www.fe.up.pt

Date October, 2007
 Event Workshop "New Portuguese codes for concrete – ENV206:2006"
 Name and type of organisation providing education and training **LNEC, Laboratório Nacional de Engenharia Civil**
www.lnec.pt

Personal skills and competences

Mother tongue(s) **Portuguese**

Other language(s)

Self-assessment

European level

English

French

Spanish

Comprehension				Conversation				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C2	Proficient user
A2	Elementar user	A2	Elementar user	A1	Elementar user	A1	Elementar user	A1	Elementar user
B2	Independent user	B1	Independent user	B2	Independent user	B1	Independent user	A2	Elementar user

Social skills and competences
 - Flexibility in the adaptation to multicultural environments
 - Good communication skills
 - Team spirit and Leadership
 - Resilience

Competences developed by professional experience in the companies "Ferreira Lemos Engenharia, Lda" and "Indubel, Indústrias de Betão, S.A.". Additionally the achieved experience as member of the Local Best Group, of the International technology students organization **BEST**, "Board of European Students of Technology" (www.best.eu.org/porto). Occupation skills covered: Marketing responsible (2000/2001); President (2001/2002); Recruiting responsible (2002/2003).

Organisational skills and competences

- Leadership
- Organisation skills
- Capability to manage and coordinate medium size projects
- Capability to manage and coordinate medium size teams [100 persons]

Competences developed by professional experience in the companies “Ferreira Lemos Engenharia, Lda” and “Indubel, Indústrias de Betão, S.A.”. Additionally the achieved experience as member of the Local Best Group, of the International technology students organization **BEST**, “Board of European Students of Technology” (www.best.eu.org/porto). Occupation skills covered: Marketing responsible (2000/2001); President (2001/2002); Recruiting responsible (2002/2003).

Technical skills and competences

- Design and implementation of industrial production lines of precast concrete, including the definition and implementation of all productive procedures.
- Coordination and management of Industrial Units, Specially in the precast concrete field
- Site management, specially in the precast concrete elements assembly field
- Conception, Analysis and design of engineering projects, specially in the structural field
- Project management and coordination

(Competences developed by professional experience in the companies “Ferreira Lemos Engenharia, Lda” and “Indubel, Indústrias de Betão, S.A.”. Additionally the achieved knowledge by the several workshops and technical conferences during the graduation and afterwards)

IT skills and competences

- Proficient user: MS Office software (Word, Excel, Outlook, Project, PowerPoint)
- Proficient user: 3D FEM software Robot Structural Office
- Proficient user: 2D/3D AutoCAD technical drawing
- Independent User: 3D FEM software Cypecad
- Independent User: Cost and finance management software, GIAF.
- Independent User: Visual Basic, MS Project, MS Access.
- Independent User: Photoshop.
- Easy learner in other types of software

Artistic skills and competences

- Solid knowledge in the digital photography. Amateur photographer since 2008.
- Invited photographer to the photography anthology book “Essência e Memória II”, Editora Chiado.
- Online Photo gallery in the photo website “Olhares” (www.olhares.pt/hugotrigo)

Driver licence

Yes, type (B)

Additional information

Chartered engineer in Portugal
Senior Member Nº: 51801 - Ordem dos Engenheiros
Av. António Augusto de Aguiar n.º3D, 1069-030 – Lisboa, Portugal.
<http://www.ordemengenheiros.pt>

Linkedin webpage: <http://www.linkedin.com/pub/hugo-trigo/35/3b4/7a9>

Military service complete. Portuguese Territorial Reserve.

Married, one child.

Worldwide availability

Annexes

Professional e-Portfolio
www.hugotrigo.com