

# THOMAS PIERK

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## Personal Profile.....

A civil engineer expecting to gain an MSc in Environmental Design and Engineering from UCL (in progress), having strong all round education and demonstrating a passion for sustainability. Has developed excellent skills in Construction Management, Project Monitoring, Development of Procedures, Development of Budget, Development of Schedule and Monitoring of Integrated Management System.

## Education.....

### **2015-2016 MSc Environmental Design and Engineering, UCL, London, UK**

- Modules studied include: Health and Comfort in Buildings; Building Solar Design; Natural and Mechanical Ventilation of Buildings; Energy Context; Methods of Environmental Analysis, Advanced Building Simulation, Post Occupancy Evaluation and Efficient Building Services Systems.
- Demonstrated ability to produce environmental analysis and building thermal and airflow models for energy optimisation, daylight and shading solutions, natural ventilation strategies and choice of appropriate sustainable systems using various tools and simulation software.

### **2002-2008 Graduate Degree in Civil Engineering, UCSAL, Salvador, BR (Merit)**

## Professional Experience.....

### **07 /2010 – 04/2014: Kubo Engenharia e Empreendimentos LTDA ([www.kubo.com.br](http://www.kubo.com.br))**

Medium-sized business of Civil Construction Segment

Division: Civil Specialty

#### **.Civil Engineer**

- Production Management, Construction Management
- I delivered numerous projects in the range of £100,000 to £8 million for building constructions and Residential Leasing Program.
- Responsibility for managing all day-to-day on-site matters, liaison with the client/main contractor, reviewing project progress, reporting directly to the company General Manager.
- Attend all project pre-start, contract review and site meetings. Prepare any necessary reports and minutes, including liaison between client, main contractor and on site operatives.
- Responsible for the overall programme ensuring that each project remains on schedule and within budget.
- To fully support, facilitate at all levels and comply with the legal Health & Safety requirements. Assist in the training and development of site management and site operatives.

**06/2008 - 07/2010: Arc Tec Tecnologia em Estruturas LTDA (www.arcengenharia.com.br)**

Medium-sized business of Civil Construction Segment

Division: Civil Specialty

**.Civil Engineer**

- Production Management
- Execution of concrete structures in buildings
- Execution of large multi storey residential projects
- Responsible for the overall programme ensuring that each project remains on schedule and within budget.

**11/2006 - 06/ 2008: Concreta Tecnologia em Engenharia LTDA (www.concreta.com.br)**

Large-sized business of Civil Construction Segment

**.Intern**

- Execution of constructions of the Stabilization sector as: Anchored Wall, Nailed Soil, Root Pile, Drilling of Inclinator and Piezometer, Monitoring of Static Load Tests
- Execution of constructions in Structures Recovery sector
- Participation in the assembly of the Integrated Management System (ISO 9001, ISO 14001 and OHSAS 18001)

**01/2005 - 10/2006: Kubo Engenharia e Empreendimentos LTDA (www.kubo.com.br)**

Medium-sized business of Civil Construction Segment

Division: Civil Specialty

**.Intern**

- Realization of work related to budgets and quantitative survey
- Recovery monitoring of Theatre Foyer
- Construction of 280 apartments by the Residential Leasing Program

**Additional Skills and Activities.....**

- **Software:** IES VE, AutoCAD, Microsoft Office, MS Project, Energy Plus; JE Plus
- **Languages:** Native Portuguese, Fluent English, Basic German
- **Activities:** football, running and gym on a regular basis

**Other Engineering-related courses.....**

- Achieving Material Efficient Construction with Concrete ( MPA – The Concrete Centre) 2015;
- Coaching for Leadership, 2013; II Forum of Safety and Health at Work; Increase and improvement of new technical of waterproofing in civil construction;
- Waterproofing Brazilian Seminar;
- I Meeting of administration and business;

- VI Technical Seminar - University Industrial Program;
- Course of Interpretation and Implementation of Integrated Management System (ISSO 9001, ISO 140001 and OHSAS 18001).

**Referees** UK and overseas references can be provided upon request