**GABOR**

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**PROFILE**

With five years’ experience in facilities management and construction, I have recently completed my ***BSc Degree in Civil Engineering*** (Grade=First)(ended May ‘16) and looking to apply my skills in the ***civil/structural engineering*** sector. I enjoy a challenge and have strong personal discipline whether working individually or as part of a team, things that probably come from having been a qualified PE teacher and a professional athlete.

**KEY SKILLS**

**Problem solving:** Determined to find the answer, I have always been able to visualise problems and come up with a solution. Analytical skills and resourcefulness are key to this, as shown when tasked with extending a marina to accommodate an extra 120 yachts. We didn’t have the necessary equipment to drive the poles down, so I designed my own and the job was completed on time and to the correct safety specifications.

**Mathematics:** I love numbers! This has been a lifelong strength and has been central to my BSc. I relish getting stuck into the necessary calculations of any planning and design activity. Accuracy has proven to be important part of my engineering offer.

**Deadlines**: Naturally disciplined and conscientious, deadlines have never been a problem and I am able to prioritise and organise tasks effectively. On a structural design project, my team of three came down to just myself, but the work was submitted to deadline and I scored the highest marks.

**PROFESSIONAL EXPERIENCE**

**Studied for Bachelor of Science (Hons) Degree in Civil Engineering (Structural and Built Environment) at the University of Derby**. **Ended in May 2016**

***Modules studied:***

-Civil Engineering Construction Management -Hydraulics

-Innovation -Structural Design & Analysis

-Measuring Tendering and Estimating -Contractual Procedures

-Civil Engineering Technology -Health and Safety

-Research Project -Management Principals

-Site Surveying -Geology and Soil Mechanics

-Science and Material -Mathematics

-Design Principals and Application

* **Dissertation title: “*The effect of seawater on corrosion in reinforced concrete*”.**

I worked on a variety of projects during my studies:

**Project #1**, which includes **structural design and analysis** of a new 5 storey school building with an underground car park in the Nothing Hill area. Where I used reinforced concrete frame with cross laminated timber panels (I did further study on Cross Laminated Timber), Solar Panels, Bio-fuel Combined Heat and Power System, double or triple glazed window to make an environmental statement. This could accommodate 1500 student and 80 staff. I was responsible for producing design calculations, technical drawings using AutoCad, creating analysis models using Sap2000. For another module I also produced a Management File for the very same project including Risk Assessment and Method Statement.

**Project #2**, consist an **innovation** proposal to improve the acoustic properties of cross laminated timber. The principal aim of this research is to find an innovative solution to overcome the acoustic deficit of Cross Laminated Timber with the minimum impact on the environment. To use coconut husk integrated into Cross Laminated Timber to reach better acoustic value. Using innovative tools to choose the most suitable solution, various way of marketing the final product and analysing its social and environmental impact.

**Multi skilled handyman, London Jan ’13 – Aug ‘15**

Part time handyman/carpenter/tiler

Remodelling/construction jobs

**Team Leader, Rhodes W1 restaurant, London Oct ’09 – Feb ‘13**

In charge of a team of 3 service staff, holding morning briefings and responsible for meetings and events held at the restaurant.

**Sports Coach, SYL Basketball, London Sep ‘12 – Dec ‘12**

Provided safe and professional basketball sessions three times a week at different London primary schools. Also a teaching assistant with disabled children from **Sept ’12-March ‘13**

**Personal Fitness Trainer, Florida, USA Feb ’07 – Jun ‘09**

Fully qualified and self-employed, I had ten part-time and full time clients of all ages and abilities. This involved developing personalized plans according to the clients’ target (weight loss, fitness level improvement, muscle etc) and providing as much motivation as was needed. All my clients had noticeable results.

**Facility Supervisor, Tween Waters Inn Resorts, Florida, USA Mar ’06 – Jul ‘09**

* Supervised 3 maintenance and 3 landscaping staff, managing all remodelling or new construction around the main resort of 150 rooms, 10 cottages and a marina (also two more smaller resorts also run by the owner).
* Responsible for 3 storage facilities of spare furniture and white goods.
* Ensured all Health & Safety regulations were applied, safeguarding the wellbeing of the customers.
* In charge of the routine supervision of the venue: preventive maintenance of rooms, cottages and marina. We also had our own sewage system designed by the owner which had to be maintained regularly.

**Construction worker, Dronik LLC, Florida, USA Jul ’04 – Mar ‘06**

Part of a team of 2-3 workers, completing residential construction projects, remodelling and adding extensions. This involved carpentry, plumbing, floor, roof and interior finishing and some minor exterior groundwork.

**OTHER PROFESSIONAL INFORMATION**

* ***Institute of Civil Engineers*** registered member sinceOctober 2013
* ***Construction Skills Certification Scheme*** card holder since June 2015
* ***AutoCAD*** expert and SAP2000 user
* HND in Transportation, ***Transport and*** ***Mechanical Engineering***, 1998-2000 in Hungary
* 2000-2004 Teaching degree in Physical Education in Hungary, ***University of Pecs-Faculty of Sciences***

**INTERESTS**

Previously a professional athlete (marital arts, basketball) I am still passionate about sport – as well as motorcycles and my family. I also enjoy working with and meeting new people from diverse cultures, particularly when travelling.