

Building engineer and CAD designer

Stéphan Guedon
Onsholtvej 186,
8260 Viby J, Århus
Tlf : +45 2071 6010
sg@22december.dk



Young and creative building engineer with **strong technical background**, I am always looking at the **overall project**. I can work on all kind of structures design : concrete, steel or masonry. I am logical and systematic and **love to imagine different building designs**. I master AutoCAD software.

I am a person with good mood and humour, often seeing upsides in all situations. I tend to involve myself and work in team. I have proven to be able to take strong decisions and go on to implement them.

Competences

Building engineering

Structures **Building design**, structures and calculations, structural analyse of buildings

Eurocodes **Reinforced or prestressed concrete**, wood and **steel structures, bridges design, Soils mechanics**, basics in seismic design

Drawing Concrete drawing - forms and reinforcements, reading and identification of plans

Insulation and energy **Thermic and acoustic insulation**

Economy Building economy, quantities estimations and budget

Building site Building site administration and security

IT

Softwares AutoCAD, **Microsoft Office**

IT safety Encryption / Certificates (PGP / GnuPG / SSL / TLS)

Systems Microsoft Windows, Gnu/Linux (Debian, Gentoo and other distributions), OpenBSD

Languages (X)HTML, PHP, Python

Transversal skills

Languages French, English, Danish.
I passed my final danish exam in November / December 2015.

Cultural Pedagogical, understanding cultural differences.

Writing Writing technical (high level) or contractual documents.
Synthesis and identification of problematics

Management Planification, leading and reporting of professional meetings

Work experience

Since April 2017 **Technical designer**, DS-Elcobyg, Hobro
Designing of prefabricated concrete elements for buildings.



DS Elcobyg

I have to work on industrial buildings or dwelling units all over Denmark. I use danish as a working language and have to work and collaborate with handworkers as well as engineers or designers.

February 2015 **Volunteer danish teacher**, IKC, Århus
to March 2017 IKC provide free danish courses, mainly to people without CPR nr.

Working as volunteer is a way for me to practice and improve my own danish (*The more you teach, the more you learn*) and to include myself in the danish society as well as give back to this organization.

I help in those areas :

- Teaching danish in groups in french, english or danish (including when there is no real english speakers).
- Preparation of meal to large groups (up to 30 persons).

Since April 2014 **Part time worker**, SystemFrugt's warehouse, Tilst.



My main work here is to pack merchandise items.

December 2011 **Nuclear decommissioning and Civil Engineer**, CEA, Fontenay aux Roses, France.

June 2013 Mission : Helping the Safety-Decommissioning service of ALADIN Project in civil engineering studies.

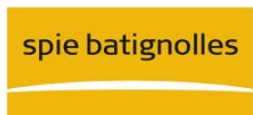


The CEA is the french public organism in charge of nuclear research. It is currently facing dismantling its nuclear facilities with various constraints (urban sites, nuclear safety and sustainability, political difficulties).

In that situation, I was asked to conduct these tasks :

- Inspection and structural analyse of the nuclear facilities buildings
- Writing technical reports about the state of the buildings of the Fontenay-aux-Roses nuclear facilities. These reports were to be read by top management and non-skilled persons.
- Writing specifications for the end Civil Engineering studies, needed for the administrative decommissioning process

Training period 2010 **Assistant Site Engineer**, Spie Batignolles, Triel sur Seine, France.
3 months Gresillons water purification facility, Triel sur Seine.



- Buildings quality surveying
- Drawing plans for site management

Training period 2008 **Trainee**, Inexia/Systra/SNCF, Paris Saint-Denis, France.
3 months Inexia (merged today in Systra) is the french train company's engineering office.



I worked there to gather and define elements to tramway's track, as for example special glue and third rail for the tram's energy supply.

September 2006 **Reinforced concrete drawer**, EBI - IOSIS/EGIS Group, Orléans, France.

August 2007 EBI is an engineering office now included in one of the largest civil engineering societies in Europe.



I worked there as technical drawer, using AutoCAD software and Adfer plugin. I was also in charge of the network administration (installation of computers, running the office server).

Education

Academics

2008 - 2011 Master of Science in Civil Engineering, Cergy-Pontoise University.

2011 Scholar Erasmus Journey, VIA University College, Horsens, Denmark, Building Engineering, Project Management.

After University

2012 Seminar : working and safety rules in nuclear buildings

2013 Seminar : Measures of nuclear contaminations.

2016 Vinterakademi seminar, organised by NCC

Circular economy and sustainability in building

- design methods to sustainability
- All participants' roles in the sustainable building process
- materials
- working case about a building on Refshaleøen island, in Copenhagen.



The seminar gave inputs in regards to building or renovating in a sustainability aim, from the start of design phase to dismantling, with focus on reuse and circular thinking.

Interests

Reading Sci-Fi, History, Fantasy, Thriller, Utopia or Uchrony

IT Strategy games, small software development, Linux, network and computer building

Writing I write in my blog about my various passions, computing and civil engineering.

Repair Café I am member of Repair Café Aarhus, where I repair bikes and computers. I was also responsible for the website.

Sport I practice and teach archery in Aarhus bueskyttelaug (archery club).

I am member of C.A.F.E, Café Associatif des Francophones Enthousiastes, which is a form of french speakers' club whose aim is to help students and foreigners learn our language and connect together.

I hold here the role of cashier.