Sami

**Curriculum Vitae**

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**Profile**

*I am passionate about new knowledge and I see an opportunity to develop in every challenge. I am confident in myself, my ambitions and I have a way of easily understanding people and creating new, trustworthy relationships.*

”He who says he can and he who says he can't are both usually right”

**Work experience**

**WSP | Parsons Brinckerhoff Västerås – Sweden** *Highway engineer*  *2016 -*

* Road pavement analysis and design on major roads and highways
* Non-destructive pavement testing with FWD, GPD
* Material quality assessment through core sampling
* Assessment of road surface and road alignment conditions
* Traffic safety and its relationship to road design

 Key words: **pavement, FWD, GPR, back calculation, friction, rutting, IRI, road safety**

 **SWECO Västerås – Sweden***Road design engineer* *2014 – 2016*

* Road and highway design
* Planning and design of walk & bike paths, streets, parking lots etc
* University lecturer in road design

Key words: **Civil 3D, Novapoint, Autocad, design, alignment, profile, cross section**

**Upgrades Education Stockholm – Sweden***Homework tutor* *2012*

* Homework tutor in mathematics, physics, chemistry

Key words: **math, physics, chemistry, tutor**

**Mälardalens Student Sport Association Västerås – Sweden***Football leader* *2010 – 2012*

* Football leader and organizer

Key words: **sports, football, university, leader**

**K-rauta store Stockholm – Sweden***Sales person* *2011*

* Sales person, in the construction section

Key words: **sales, construction, building material**

**Master Thesis**

 **Title:** Road parameters and their influence on traffic accidents **Stockholm – Sweden**
 **Company:** Sweco Civil *2013 – 2014*

 A case study on different road parameters and their influence on traffic safety.
 By studying and isolating these parameters and their contributing role to the accident
 occurrence, the aim is to explore their relationship and furthermore highlight the most
 commonly associated with traffic accidents. This result is used to develop and
 increase awareness of the impact of poor road alignment and poor road surface
 conditions, in hope of reducing the number of deaths and injuries in traffic.

 Key words: **cross slope, curvature, IRI, rutting, drainage gradient, texture, side friction**

 *url: [https://www.diva-portal.org/smash/get/diva2:692740/FULLTEXT01.pdf](https://www.diva-portal.org/smash/get/diva2%3A692740/FULLTEXT01.pdf)*

**Academic achievements**

 **Master of Science in Engineering Västerås – Sweden
 Mälardalen University** *2009 – 2014*

* Structural Engeneering
* AutoCAD, Revit, TEKLA
* Building Construction
* Soil Mechanics and Hydrogeology
* Structural design 2
* Master’s Thesis – Traffic safety
* etc..

 **The Hong Kong Polytechnic University Hong Kong
 Department of Building Services Engineering** *2013*

* Design of Transport Infrastructure
* Architecture and buildings
* Sustainable Building
* Elementary Chinese

 **Royal Institute of Technology (KTH) Stockholm – Sweden
 Infrastructure** *2012*

* Design of Steel Structures According to Eurocode 3
* Railway Traffic - Market and Planning
* Management and Maintenance of Traffic Channels

**Courses**

 **TEKLA Västerås – Sweden** *Structures Basic Training Course*2011

* Three days course, earning a certificate

 **Stockholm Football Association Stockholm – Sweden** *Football referee*2004

* Basic course

 **Skills and achievements**

 ***Language***

* English – Fluent
* Swedish – Fluent (first language)
* Somali – Mother tongue
* Arabic – Basic (studying)

 ***Computer***

* Experienced MS-Office user
* Autocad
* Tekla Structures
* Revit 3D
* Novapoint
* Civil 3D
* PMS Object – pavement calculation program
* PVD – backcalculation program analyzing pavement structures

 ***Care Africa International***

 A nonprofit family organization funding and working to improve road construction in Africa.
 The project is called ’One dollar a month initiative’ and I hope to get more involved as times
 passes.
 ***Youth future association***

Newly started association, facilitating and inspiring young people to achieve their goals, whether it be in school, driving license or in sports. Through homework tutoring, driving lessons, activities or jobcoaching, the idea is to provide a foundation for young people to be able to reach their maximal potentials.

 ***Football***

My greatest passion in life and it has really shaped me into the person I am. It has taught me discipline, cooperation, respect and so much more and I am still yet learning.