



# Resume

David Jonathan Jensen

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## Profile

Civil engineering bachelors degree (environmental engineering) specialised in sustainable development and 3<sup>rd</sup> world development.

Focus on appropriate technologies and radical sustainability and currently running and developing a web platform for sharing of these specific technologies (available at [www.rootsdiy.org](http://www.rootsdiy.org)).

Personal goal in regards to development is to enable independent and self propelled development any ways possible.

Specifically interested in informal upgrading.

## Key skills

### Project management

*Experienced in project management; small scale projects and development projects. Not limited to scoping, time framing, budgeting and resource management.*

### Waste water and water engineering

*Knowledge of large scale and smaller scale wastewater treatment plants and transportation and treatment of potable water.*

### Appropriate technology

*Knowledge of variety of appropriate technologies and adaption of those to informal setting.*

### Surveying and GIS

### CAD design

*Working knowledge of 3d and 2d computer aided design via; autoCAD, solidworks and sketchup.*

## Professional experience

### ***Co-founder, project coordinator and concept developer***

*RootsDIY.org*

*January 2013 – Present (8 months)*

*Responsible for producing a manual on flood alleviation method in South African informal settlements*

### ***Project leader***

*Engineers Without Borders UCT*

*September 2011 – January 2013 (1 year 5 months) Cape Town Area, South Africa*

*Responsible for development of concept, coordination of implementation and populating platform with technologies blueprints.*

## Education

### ***Danish technical university (DTU)***

*Environmental engineering*

*June 2010 – Present*

*Civil engineering bachelor (environmental engineering).*

Relevant courses:

- Environmental Management in the Tropics (12242)
- Environmental Engineering in Developing Countries (12210)

### ***University of Cape Town (UCT)***

*Exchange program as part of bachelor degree at DTU*

*July 2011 – June 2012*

*Acquired knowledge of wastewater and water management in developing countries along with hands on experience and theory of upgrading of informal settlements*

Relevant courses:

- Urban challenges in SA cities (EGS2014S)
- Water treatment (CIV3046F)
- Waste water treatment (CIV4046F)