

Dennis Svedberg

densvedberg@gmail.com ❖ (+46) 73 841 61 59 ❖ Sollentuna, Stockholm

PORTFOLIO

For more information and examples of my work please visit <https://dennissv.github.io/>

RELEVANT EXPERIENCE

Design-Build-Test Project

Sep. 2017 - Jan. 2018

Project Manager

High accuracy navigational system for use in densely forested areas

[Python, MATLAB, Machine Vision]

- Responsible for managing a team of six students
- Integrated a visual navigational system using image data from several cameras
- Helped create a Kalman filter for combining sensor data

Applied Bioinformatics Project

March 2017 - May 2017

Metagenomics study of soil organisms

[Python, R, Data Visualization]

- Created a data processing pipeline starting with raw DNA reads and ending in species identification
- Responsible for data visualization

EDUCATION

Umeå Universitet

Sep. 2012 - Aug. 2018

Master of Science Programme in Biotechnology

- Master at Umeå Plant Science Center with a focus on bioinformatics
- Extra courses in computer science

Luleå Universitet

Sep. 2010 - June 2012

Master of Science Programme in Space Engineering

- Extra courses in astrobiology, eventually leading to a change to the biotechnology programme in Umeå.

ACTIVITIES & INTERESTS

Activities

- Member, Red Cross first aid group **Jan. 2011 - June 2013**
- Team leader, Red Cross first aid group **June 2013 - Feb. 2016**
- Finalist twice in Umeå University robotics competition **2016 & 2017**