

# Dennis Svedberg

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## PORTFOLIO

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

## RELEVANT EXPERIENCE

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**Various freelance and consulting projects in web development** **August 2019 – Present**  
*[Javascript, HTML, CSS, React, Python, Project Management, Agile Development]*

- ◆ Developing web based applications using a broad technology stack
- ◆ Managing projects using Agile development methods (mainly SCRUM)
- ◆ Interacting with customers to make sure projects are according to specifications

**Applied Bioinformatics Project** **March 2017 – May 2017**  
*Metagenomics study of soil organisms*  
*[Python, R, Data Visualization, Linux]*

- ◆ Created a data processing pipeline starting with raw DNA reads and ending in species identification
- ◆ Responsible for data visualization and setting up the pipeline environment on university servers running on Linux

**Design-Build-Test Project** **Sep. 2016 – Jan. 2017**  
*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
- ◆ Responsible for ordering and maintaining equipment

## EDUCATION

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**Umeå Universitet** **Sep. 2012 – Aug. 2017**  
*Master of Science Programme in Biotechnology*

- ◆ Advanced level courses 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*

## SKILLS & ACTIVITIES

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### 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**
- ◆ Winner League of Nations Archives Digitization Challenge **Nov. 2018**