

# Dennis Svedberg

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<https://dennissv.github.io>

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## RELEVANT EXPERIENCE

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### Design-Build-Test Project

**Sep. 2017 - Jan. 2018**

*Project Manager*

*High accuracy navigational system for use in densely forested areas*

- 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*

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

## EDUCATION

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### 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

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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**

- **Interests:** Hiking; gaming; coding; skiing; Reddit; learning