

# DANIEL HOLMBERG

## Data Science Student

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🔗 github.com/hd4niel    🌐 towardsdatascience.com/@hd4niel    in linkedin.com/in/holmberg-daniel



## EXPERIENCE

### Developer

#### Fjuul Visions Oy

📅 March 2020 – present    📍 Sofia Future Farm

- Part-time coding for a fitness-tech company.

### Technical Writer

#### Towards Data Science

📅 October 2019 – present    📍 Freelance

- Occasionally writing blog posts on data sciency topics.

### Research Assistant

#### University of Helsinki

📅 May 2019 – August 2019    📍 Helsinki Accelerator Laboratory

- Assisting Dr. Antti Kuronen and Dr. Pekko Kuopanportti in developing a new interatomic MD potential for the Fe-Cr alloy.

### Research Assistant

#### University of Helsinki

📅 May 2018 – July 2018    📍 Helsinki Accelerator Laboratory

- I investigated Fe-Cr surfaces and interfaces for the Division of Materials Physics. This was done with molecular dynamics simulations on computer clusters.

### Tutor

#### Uplus Yksityisopetus

📅 January 2017 – May 2018    📍 Helsinki

- Private teaching in mathematics, physics and chemistry.

### Substitute Teacher

#### Ekenäs Gymnasium

📅 October 2016    📍 Raasepori

- Teacher in mathematics and physics.

### Summer Staff

#### Premarin Oy

📅 2012 – 2017    📍 Raasepori

- Facility management and caring for boats.

## EDUCATION

### M.Sc. Data Science

#### University of Helsinki

📅 2019 – present

### B.Sc. Physics

#### University of Helsinki

📅 2016 – 2019

Thesis title: Interatomic potentials for simulating Fe-Cr

### Matriculation Examination

#### Ekenäs Gymnasium

📅 2013 – 2016

## ORGANIZATIONS

### Social Media Manager

#### Spektrum rf

📅 2019 – 2020

### Sports Official

#### Spektrum rf

📅 2019

### Vice-Chairman

#### Nyland Brigade Conscript Committee

📅 2018

## SKILLS


Python   R   Git   Jupyter   React  
Docker   Bash   MATLAB   Fortran

Data Analysis   Technical Writing

# PROJECTS


## Spektrum

Android application for my student association

 [play.google.com/store/apps/developer?id=hd4niel](https://play.google.com/store/apps/developer?id=hd4niel)  
</> React Native, Google Firebase

## Lyrics Generator

Generate lyrics based on global top 200 hits

 [lyrics-gen.herokuapp.com](https://lyrics-gen.herokuapp.com)  
</> Python, HTML, CSS


## Integer Recognition


Singular value decomposition for recognizing images

 [github.com/hd4niel/SVD-pattern-recognition](https://github.com/hd4niel/SVD-pattern-recognition)  
</> MATLAB

# LANGUAGES

Swedish 

English 

Finnish 

German 