

# MÁNI SAKAMOTO KOLBEINSSON

Mechanical engineering student in Háskóli Íslands

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## WORK EXPERIENCE

### Innovation fund Rannís

June 2021 – September 2021

📅 Eyrarbakki

- Began working a research project in collaboration with Sæbýli.
- Worked alongside a friend from my year who studies mech. eng. with me.

### Hardware store

Húsasmiðjan

📅 June 2020 –

📍 Skútuvogur, Rvk

- Have been working there since the 4. June 2020 and I still work there every other weekend with my school

### Dishwasher and assistance to servers

Aalto bistro

📅 June 2018 – September 2018

📍 Norræna húsið, RVK

- Worked in the kitchen assisting where I could along with occasionally helping out with serving

### Dishwasher and assistance

Út í Bláinn

📅 June 2017 – September 2017

📍 Perlan, RVK

- Worked since the opening of Út í Bláinn. Helped with renovations and tasks needed before opening. Also dishwashing.

## EDUCATION

### 3rd year B.S. Mechanical engineering

Háskóli Íslands

📅 Sept 2019 –

- Began studying in HÍ after finishing MR in the summer of 2019.
- Big part of the formula student team Team spark of H.Í. . Previously a group leader of the divetrain group where I managed a team of 6 people.

### Náttúrufræði I

Menntaskólinn í Reykjavík

📅 Sept 2016 – June 2019

- Began studying at MR after elementary school.
- Finished after 3 years. Graduating from Náttúrufræði 1.

## STRENGTHS AND INTERESTS



### Creative

Have a great passion for art and design and I intend to go study industrial design before a masters in engineering.



### Outspoken and take initiatives

Quick to work and pick up new skills fast. Organized and reliable



### Group

Work well in groups and enjoy doing so, Both leading and being a part of one



### Social

Have fun being alone people and talking, including presenting etc.

## SKILLS

### Python



- Programming course
- Mech.eng. 1st year

### Matlab



- Finite element analysis, numerical analysis, frequency analysis, calculus 4.
- Mech.eng 2nd-3rd year

### Inventor, Revit, AutoCad



- CAD, Team spark
- Mech.eng 1st-3rd year
- Research project Rannís 2021

### Excel, Word, etc.



- Engineering design
- Mech.eng 1st-3rd year
- Research project Rannís 2021

## LANGUAGES

Icelandic  
English  
Japanese  
German



## STRENGTHS

# PROJECTS



## Team Spark

Have been a participant in the formula student team of HÍ for 3 years now, one of which I was the leader of the drivetrain team. Now on my 3rd year I help out all groups with the biggest empahsys on drivetrain. Have gained massive experiance working in 3d modeling software, communications, and learnig about how to manage and work with groups.



## Team Spark

Began working a research project for the innovation fund of Rannís in collaboration with Sæbýli, a vertical farming company that grows Abalone, which I finished at the beginning of the semester. The goal of the project was to lower emissions and power usage by 20% in which we succeeded. The second goel was to move their plans and deigns into a 3d model, using both Revit and Inventor.

Hard-working (18/24)

Persuasive

Motivator & Leader

Python

AutoCad/Inventor

Matlab