

# Finnur Mauritz Einarsson

*B.Sc. Mechanical Engineering student*

I'm interested in aerodynamics, astronomy, disc golf and solving dynamic problems.

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📅 20<sup>th</sup> Dec 2000

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✉ Vættaborgir 29, Reykjavík, Iceland

## SKILLS

Computer-Aided Design

Microcomputers

Python programming

Management

Carbon fiber fabrication

Basic CFD

Rapid prototyping

Aerodynamics

## EDUCATION

### B.Sc. Mechanical Engineering

🏛 University of Iceland 📅 2019 – 2022 (expected)

- Grade: First Class

### Junior College Diploma

🏛 Reykjavík School of Education 📅 2016 – 2019

- Physics major

## EXPERIENCE

### Formula Student, Team Spark

🏛 University of Iceland 📅 2019 – 2022 📍 Reykjavík, Iceland

- Project Manager (2021 – 2022)
  - Management of all projects involving the design and production of a Formula Student race car
- Head of Aerodynamics (2019 – 2020)
  - Design of aerodynamic devices
  - Back wing angle optimization using CFD
  - Carbon fiber fabrication of parts
  - CNC machining of parts and molds

### Zerobars ehf.

🏛 Zerobars ehf. 📅 July 2021 – 2022 📍 Garðabær, Iceland

- Startup company, focused on development of sports goods. Currently seeking investments for production.
  - Co-founder and board member
  - Head of Research and Development

### Rannís Innovation Project

🏛 Rannís – The Icelandic Research Center 📅 July – Sep, 2021 📍 Reykjavík, Iceland

- Project funded by Rannís for the development of a product, an invention by me and two business partners
  - Rapid prototyping using CAD, 3D-printers and carpentry for silicone product development
  - EVA-foam vacuum forming
- Study of the effects the silicone product has on vibrations carried into the user
  - Measuring vibrations using accelerometers, raspberry-pi and python programming
  - Processing vibrational data using python-programming
- Company founded on the basis of the study and a patent for the product is in process
  - Zerobars ehf.

### The Prime Ministry of Iceland

🏛 The Administration Office of the Prime Ministry of Iceland 📅 June – August, 2020 📍 Reykjavík, Iceland

- Processing of sensitive Legal documents and material

## OTHER ACTIVITIES AND PROJECTS

**Securitas**

*Security Guard, Christmas, 2021*

**LXVI Nordic Capital's School Games**

*2014*

**Dale Carnegie**

*2013*

## LANGUAGES

**Icelandic**

*Mother tongue*

**English**

*Fluent*

**Danish/Norwegian/Swedish**

*Limited Working*

**German**

*Elementary*