

Levente Dolhay

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Profile:

Levente has started his academic studies at the Budapest University of Technologies mainly focusing on theory with minimum number of hands-on labs. However, imagining theory and practice on the arms of a weigh it can be said that they have exchanged mass when switching to SDU - Engineering, Innovation and Business. He has successfully finished his first year studies and completed some courses from the second year. Before the start of the autumn semester 2022, through online courses on Course he has self educated himself in the field of Data Science.

Previous Project(s)

- 1) In order to show an alternative to the conventional emergency wakeup methods used currently, our team designed an alarm clock that would gently bring the user from an unconscious sleeping phase to an awake and self-aware state with no urge to sleep back. I gained experience in working in an international team. Being responsible for the mechanical design part of the project, I gained hands on experience in Siemens NX and 3D printing.
- 2) In a project, we were aiming to show a solution to measuring time and temperature in a pot and resolving overflowing in a compact kitchen assistant tool. Throughout the project, I acquired skills in managing the loss of a team member and mitigating the issue of unreliable team dynamics. As a lesson I concluded that in further team works we have to agree in a set of rules for cooperation before we start working together.
- 3) In my last semester project, we were cooperating with Buy2Sell. A very efficient electronic reseller company. We were given the task to design a weighing and dimensioning tool in order to save time on measuring these parameters of a box, which will be delivered by post. Throughout the project I gained insight to a local start up that become very successful and how it tries to optimise its workflow in order to reach even higher performance.

Core Skills:

Python
C-Language
Excel

CSS & HTML-Languages
Siemens NX
Teamwork

Endurance
Monotonous tolerance

Why Danfoss – Student Worker:

I came to Denmark to SDU to study Engineering, Innovation and Business because I feel working with new products that are not yet on the market to be my cup of tea. The process between coming up with an idea and the actual product is very interesting since the iteration of ideate, develop and test must be done over and over. Interesting how the original idea changes due to the knowledge and details we gain on the way. As an example, when trying to further develop the alarm clock (mentioned in the previous project section) I was trying to interact with as many senses of humans as possible to make the clock more effective. While figuring out how to do that I learned a lot for example between others about effect of infrared light on humans. On the other hand, I greatly enjoyed studying Embedded, Production Technology and Mechanical Design too, courses that are more Engineering related. I believe 3D Design and 3D printing is an important skill for someone that wants to pursue being an innovator/ product developer. (I must mention that these skills become very useful when designing and printing presents for Christmas for my cousins) Based on the job description I could gain useful and up-to-date experience in the combination of all three, 3D printing and Design and Product Development. Furthermore, I am hoping to work on different printers then the ones at the University.

Last but not least I could put into practice the knowledge I gained in data analytics. In my opinion it is a very important skill to process, understand, conclude, and sort data.

All in one the position “Student Worker” would give me great possibility to grow and would be a perfect job to start of my carrier with. I am confident that due to my motivation and studies I would prove to be an asset to your team.

Education:

SDU

Engineering Innovation and Business (2. Semester).

Sønderborg, Dk

2021 - Current

Budapest University of Technology and Economics.

Mechanical Engineering - 2 semesters.

Budapest, Hu

2020-2021

IBM Data Analytics

Python for Data Science, AI & Development

Data Visualization and Dashboards with Excel and Cognos

Excel Basics for Data Analysis

Introduction to Data science

2022

Online



Qualifications:

IELTS

Overall, 7.0

Budapest, Hu

2020

DSD

Stufe 2: C1 (Deutsche Sprach Diplom)

Budapest, Hu

2020

Career Summary:

Kaserne

Kitchen shift manager. Approximately 43 hours per month.

Sønderborg, Dk

2021, August - Current

Summer jobs from previous years

Newspaper logistics

Hostess

Barback

Hobbies and Extracurricular:

As a hobby, I attend trainings of the Alsion football club, which adds greatly to both my physical and mental health. After a long day of studying, it can bring great joy to my life to hang out and play a nice game with the boys. Furthermore, time-to-time I go for a swim in the Humlehøj Hallen.

As an extracurricular activity I am working on further developing the alarm clock earlier mentioned. Between others I have learned about heat emitted by infrared light and its effect on a sleeping individual. While conducting the research I also got to familiarize myself with Chat GPT (Open AI) which contributed to this research greatly. I believe it is becoming an essential tool in the future.