

Daniel Ilin

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EDUCATION

BS: Mechanical Engineering 2021
Northeastern University, Boston, MA
Minor: Mathematics
3.4/4.0 GPA

IB Diploma - Amadeus International School, higher level physics and mathematics 2017
Vienna, Austria

WORK EXPERIENCE

LISEC GmbH, Seitenstetten, Austria Jan. 2020 – Jun. 2020
Mechanical Engineer

- Developed and implemented model configuration trees for 128 machines in PTC Creo for flexible presentation in a successful commercial 3D machinery layout showcase
- Brought 900 AutoCAD drawings of parts up to date, ensuring their validity in accordance with the updated standards

AMAG Pharmaceuticals, Waltham, MA Jan. 2019 – Jun. 2019
QA Engineer

- Improved the efficiency of product report preparation through programming VBA macros for processing and re-arrangement of voluminous data
- Enhanced the flow of the audit process by previously optimizing the organization of the company's document archives

SKILLS

- ANSYS, SolidWorks, PTC Creo, AutoCAD
- Coding: MATLAB, VBA, C++, Python, Swift
- Other: Adobe Creative Software, MS Excel
- Languages: German (B1), Russian (Native), English (Fluent)

PROJECTS

- Contributed to implementing the innovative passive radiative cooling material in tents through designing and creating SolidWorks 3D models with further heat transfer FEA in ANSYS (Capstone project)
- Identified the most fitting seaweed type to survive strong tidal waves based on fluid-structure interaction simulation in ANSYS Fluent and further data analysis in MATLAB

ABOUT ME

I am a ME undergraduate from Northeastern University with experience of working in different teams across multiple countries. Additionally, I take interest in computer science and music. I am eager to learn and acquire new skills.