



AISTĖ SIMOKAITIENĖ

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[LinkedIn](#) · [GitHub](#)



SKILLS

Programming
Python, HTML, C/C++
Data analysis
Creation of new products
Quality management systems
Auditing
Technical documentation
Intellectual property management
3D printing
3D modelling
3D reconstruction



LANGUAGES

Lithuanian
English
German



HOBBIES

I love travelling, 3D printing (running 4 FDM and SLA printers at home), photography, Arduino programming and learning new stuff.



DRIVING LICENSE

Passionate, results-driven R&D engineer, leader with can-do attitude with more than 6 years biomedical engineering experience at UAB Ortho Baltic. I helped Ortho Baltic R&D team to create personalized implantable medical devices manufacturing facility, to equip and validate quality control laboratory from zero. I also helped to introduce 4 personalized implants solutions to the market and claim 4 patents.

All the time I been working with many types of data and been curious how to improve some data processing steps, make them faster, more reliable and fail proof.

When I started working on AI/ML based project, I dived deeper into Python, data science and started intensively learning related principles.

Currently I'm looking for a position where I would be challenged enough to keep learning and could bring some values from highly regulated medical device industry.



EXPERIENCE

UAB ORTHO BALTIC

PATENT ENGINEER

06 2020 – 08 2020

- Helping inventors and R&D teams with every aspect of the intellectual property processes;
- Conducting searches for prior art, FTO analysis;
- Drafting patent applications, preparing responses to reports from patent examiners, communicating with patent attorneys;
- Ensuring application and renewal deadlines are met.
- Creating and implementing IPR procedures;
- Conducting internal trainings and demonstrations to facilitate incorporation of ideas brought forward by team members and to keep them informed about IPR;
- Product prototyping, technical documentation;
- Preparing project applications, plans, reports and deliverables for EU and national projects.

R&D ENGINEER / 3D RECONSTRUCTION ENGINEER

01 2015 – 05 2020

- Product prototyping, market analysis, creation and validation of new quality control and manufacturing procedures, communication with clinicians and other stakeholders;
- Leading internal audits for ISO 13485, ISO 9001, ISO 14001 and ISO 27001 standards;
- Preparing and maintaining technical documentation of class IIa-III medical devices;
- Managing company's intellectual property;
- Project applications, plans, reports and deliverables for EU and national projects.

R&D TECHNICIAN / LABORATORY ASSISTANT

01 2014 – 12 2014

- Product prototyping, technical documentation;
- Project applications, plans, reports and deliverables for EU and national projects;
- And other activities relating R&D, Radiation Safety, QMS and Quality control.

INTERN MEDICAL PHYSICIST
NATIONAL CANCER INSTITUTE

02 2013 – 06 2013

HEAD OF THE SECRETARIAT UNIT
LITHUANIAN SCOUTING

03 2012 – 04 2013

- Awarded Honor for Services



EDUCATION

IBM/Coursera · APPLIED DATA SCIENCE SPECIALIZATION
Vilnius Coddng School · PYTHON PROGRAMMING
LSMU · MASTER · BIOMEDICAL SCIENCES
KTU · BACHELOR · APPLIED PHYSICS

01 2020 – 05 2020
03 2020 – 05 2020
09 2015 – 06 2017
09 2009 – 06 2013