POVILAS ŠAUČIUVIENAS

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Skills: Python, MATLAB, C++, LaTeX, SolidWorks, Blender | Languages: Lithuanian, English

EDUCATION

MEng Molecular Bioengineering 10/2022 – 06/2026
Imperial College London

GPA:
- **Year 3** – ongoing (on track for **1st** Class Honours); Academic representative for the cohort.
- **Year 2** – **1st** Class Honours
- **Year 1** – **1st** Class Honours

Additional modules (distinction in all):
- Leading Teams and Organizations
- Business & Economic Ideas
- Introduction to Environmental Economics;
- Entrepreneurship

Awarded Lithuanian government scholarship "Kitas 100"

Data Science & AI 09/2024 – ongoing
Turing College

Project-oriented data science course in Python.
- 9/16 sprints completed

International Baccalaureate (IB DP) 09/2020 – 06/2022
Vilnius Lyceum

- International Baccalaureate DP score: 41/45
- HL: Math AA, Biology, Chemistry, English B – 27/28
- SL: Psychology, Lithuanian A – 12/14

International Biology Olympiads
- IBO 2022, Armenia – **Silver**
- International Group Project 2022 – **2**nd place
- IBO 2021, Portugal – **Bronze**

Lithuanian National Olympiads (2018–2022)
- **Biology**: **3**rd, **1**st and **3**rd places; Graduate award
- **Economics and Business**: **2**nd place

WORK EXPERIENCE

Intern, qPCR Research Group 08/2024 – 10/2024
UAB "Thermo Fisher Scientific Baltics"

IT Specialist (part-time) 10/2023 – ongoing
UAB "Triturus"

- Automated stock synchronization and invoicing for eBay and Amazon with Python (RESTful API, SP-API, OpenAI API).
- Designed Microsoft Excel templates and macros
- Integrated inventory-management software with barcode scanners
- Prototyped Arduino-based automatic worm feeders for ice fishing
- Modelled tackle-box and rubber-lure add-ons for high-throughput 3D printing
- Provided English–Lithuanian business translation

TEAM PROJECTS

iGEM Competition 12/2024 – ongoing
Imperial College London iGEM 2025 Team

- Dry-lab sub-team lead
- Growth-factor production for cultured meat applications

Year 3 Group Project 10/2024 – ongoing
Heart-Rate Variability in DPN Patients

- Managed a team of seven in computational ECG-dataset analysis to classify patients with and without diabetic peripheral neuropathy
- Focused on signal processing and statistical analysis in Python using SciPy and scikit-learn
- Project supervisors: Prof Richard Kitney and Dr Matthieu Bultelle

Year 2 Group Project 10/2023 – 06/2024
Microfluidic Chip for Assembly of a Multiscale Vascular Network

- Led a team of ten in designing and prototyping a PDMS microfluidic chip aimed for blood-vessel network formation
- Focused on chip design (SolidWorks) and additive manufacturing techniques
- Project supervisor: Dr Victoria Salem

Year 1 Group Project 05/2023 – 06/2023
DNA-Inspired Green Composition

- Directed a team of five in designing a DNA-helix inspired wood-based potted-plant structure
- Focused on SolidWorks design, static-load simulations and LaTeX

PERSONAL INTERESTS

Department of Bioengineering 07/2024 – ongoing
Outreach Ambassador

ICL Tea Society 10/2023 – ongoing
Society treasurer

ICU RFC 10/2023 – 07/2024
3rd XV rugby team captain

"Kartu Tikrai Galime" 10/2021 – 05/2022
Tutoring underprivileged students in STEM subjects

Vilnius Debating Society 2019 – 2021
Debate