

Denis Fabien Kurpiers

+420 720 125 202 | deniskurpiers@seznam.cz | [linkedin.com/in/denis-fabien-kurpiers](https://www.linkedin.com/in/denis-fabien-kurpiers)

EDUCATION

Faculty of Nuclear Sciences and Physical Engineering (CTU)

Prague, CZ

Bachelor of Science in Mathematics (GPA: 1.32 (A))

2024 – 2027

- Relevant Coursework: Linear & Abstract Algebra, Real & Complex Analysis, Numerical Maths.

Nový PORG

Prague, CZ

International Baccalaureate (IB) Diploma

2016 – 2024

ACADEMIC INVOLVEMENT

Student Research Assistant

April 2025 – Present

Mathematical Modelling Group (FNSPE)

Prague, CZ

- Assisting researchers in exploring the mathematics behind **Deformable Image Registration (DIR)**.
- Reviewing literature on multi-modal medical datasets to build field-specific knowledge.

INDEPENDENT PROJECTS

HackFJFI | Founder & Lead Organizer

2025 – Present

- Founded and organized the hackathon event, leading all planning, operations, and execution.
- Secured event sponsorships and managed venue, budget, and event logistics.

Integration Bee | Organizer

2024 – Present

- Curated calculus problems to encourage peer engagement with Real Analysis.
- Coordinated with local sponsors to manage event logistics.

SKILLS & CERTIFICATIONS

Certifications: Private Pilot License (PPL)

Computational Tools: R, Python (NumPy, Matplotlib),

Languages: English, Czech, German, Norwegian (Bokmål)