

# KARL OLAV TYSSVANG

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## SUMMARY

Doctoral student of mathematics working in numerical analysis, with experience in computer graphics and electronics.

## EDUCATION

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### DPhil in Mathematics

University of Oxford

Oct 2025 - Spring 2030

Field of research: Numerical Analysis, Finite Elements

### M.Sc in Applied Mathematics

University of Oslo

Graduated June 2025

Relevant coursework: Differential Geometry, Finite Element Methods

### B.Sc in Applied Mathematics & Computer Science

University of Oslo

Graduated May 2024

Relevant coursework: Fluid and Solid Mechanics, Partial Differential Equations, Analysis

## TECHNICAL SKILLS

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**API & Tools:** OpenGL

**Programming:** C++, Python

## EXPERIENCE

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### Portal Space, Blindern, Oslo: Electronics

Jan 2023 – Oct 2025

- Developed an ignition system.
- Developed a desktop application for mission control in C++.
- Wrote software for radio communication, internal communication, and engine control.