

Anton May

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WORK EXPERIENCE

- Software Engineer Intern - Valor Carbon** Aug 2025 - Sep 2025
 - Designed automated document generation tool using RAG-enhanced LLMs for project specifications
 - Implemented secure multi-user application with Oracle Cloud hosting
 - Developed agentic AI systems with focus on practical automation over forced implementation
- Software Development Intern - AIDA-3D** Jun 2025 - present
 - Developed interactive 3D medical image viewer with annotation tools for OME-Zarr v0.5 specification
 - Built custom marching cubes algorithm and created a robust 3D viewer from scratch in three.js
 - Reverse-engineered complex, poorly documented data pipelines and created a useful, usable tool
- LLM Performance Evaluator - Outlier** Dec 2024 - Apr 2025
 - Evaluate LLM outputs for accuracy, relevance, and clarity across software and mathematics domains
 - Provide detailed feedback and corrections for C++ programming and mathematical reasoning tasks
- Academical Clerk - New College, Oxford** Oct 2022 - present
 - Performing daily alongside my studies as a professional singer in a globally renowned choir

PROJECTS

- Analysing radiology reports using large language models** Sep 2025 - present

Solo engineering project developing specialized LLMs for automated medical report validation and information extraction, combining machine learning with healthcare quality assurance systems.
- Intelligent Musical Lighting System - Project Leader** Oct 2024 - May 2025

Leading 4-person team developing real-time AI system for automated concert lighting based on musical feature analysis and mood detection.
- Samsung Solve For Tomorrow - Finalist** Jan 2022 - Jul 2022

Designed IoT-enabled smart glasses with AI speech recognition for hearing-impaired users. Advanced to final 5 teams, presenting to Samsung UK executives.

EDUCATION

- 2022 - 2026 **MEng Engineering Science (4th year), New College, University of Oxford** (Predicted 2:1)
 - 83% in Engineering Computation (highest marks in year)
 - Relevant modules: Machine Learning, Software Engineering, Control Systems

SKILLS

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|-----------------------|----------------------------------------------------------------------------------------|
| Programming | Python, C++, JavaScript/TypeScript, Rust, MATLAB |
| Web Development | Next.js, Three.js, React, Oracle Cloud, secure multi-user applications |
| AI & Machine Learning | LLMs, RAG systems, agentic AI, signal processing, computer vision |
| Specialized | 3D graphics, medical imaging (OME-Zarr), IoT development, data structures & algorithms |