

James Kimmins

MPhys Student at the University of Warwick

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📁 Experience

- Master's Thesis**Oct 2026 – Present
- Presently completing a master's project thesis titled "Search for New B Meson Decay Modes with the CERN LHCb Experiment".
- CERN Summer Student Programme**Jun – Sep 2026
- Participated in the 2026 CERN Summer Student Programme and placed within the Computing Systems section of the LHCb Collaboration. Developed a new decay descriptor parsing and decay finding solution.
- URSS Summer Project**Jun – Oct 2025
- Completed a project under Warwick University's Undergraduate Research Support Scheme (URSS). Spent the summer within the Elementary Particle Physics Group and worked on the Pandora event reconstruction software package for the DUNE and SBND collaborations.

🎓 Education

- University of Warwick**First (Working Grade: 84.5%)
Physics (MPhys)2023-27
- Richard Huish College**A*A*A* (AA)
Physics, Chemistry, Mathematics (AS Further Mathematics, EPQ)2021-23

🤝 Volunteer

- Physics SSLC Chair**Sep 2023 – Present
- University of Warwick Physics Department
- Elected to lead the Physics Student-Staff Liasion Committee (SSLC) to manage the collection, discussion, and resolution of the department feedback and the protection of the student voice.
- Student Representative**Oct 2025 – Present
- Institute of Physics
- Serving as the elected Student Representative on the Institute of Physics (IOP) West Midlands Branch Committee.
- Treasurer**2025-26
- Warwick Physics Society
- Elected to the position of Treasurer holding the responsibility for the Society's financial solvency and its smooth operation as a core executive committee member.
- Faculty Representative**2024-25
- Warwick Students' Union
- Elected by students to represent the Science, Engineering, and Medicine (SEM) Faculty to both the Students' Union and the University. Sat on several influential committees including the SEM Education Committee and Senate.

🏆 Awards

- Physics Distinction ListJul 2026
- University of Warwick Physics Department
- Outstanding Contribution to DemocracyJun 2026
- Warwick Students' Union
- Forum of the YearJun 2026
- Warwick Students' Union
- Highly Commended in PhysicsJan 2024
- Richard Huish College
- Senior Physics Challenge (Gold)Jan 2022
- British Physics Olympiad
- Cambridge Chemistry Challenge (Silver)Jun 2022
- University of Cambridge

<> Projects

- New Decay Descriptor Parsing for LHCb**
- CERN
- Improving Cosmic Ray Tagging Using Energy Deposition in Pandora**
- University of Warwick

⚙ Skills

- 📁 Organisation**
- Event management, Leadership, Research
- 📁 Programming**
- C++, C, Python
- </> Web Development**
- HTML, CSS, JS