

Redacted version – contact me via topolowski.com/contact to receive unredacted version with contact details.

Robert Topolowski

I am aspiring to work in the software engineering sector following the completion of my degree. My interests include transportation and programming, which I have demonstrated in my projects, and my skills include being organized and punctual, being able to find practical solutions to complex problems and making data-based decisions. I like to see projects through from start to finish and I enjoy learning new technologies and new ways of creating solutions.

Education

Kings College London – Integrated Masters (MSci) in Computer Science (Sept 2021 – July 2025)

- Current C-Score: 79 (out of 100), Average grade for programming assignments is around 85%.
- Modules include Data Structures, Artificial Intelligence, Software Engineering, Internet Systems, Operating Systems and Concurrency, alongside others.

The Nobel School, Stevenage – A Levels (2021)

Grades: Computer Science – A*, Mathematics – A, Further Mathematics – A, Physics – B.

Gunnersbury Catholic School, Brentford (London) – GCSEs (2019) – 10 grades 9-4

Projects

Portfolio available at topolowski.com/projects

RailChecker (2022-Present) railchecker.app

- Independent project developed using React Native, back end written in PHP and Python, MongoDB used for the database.
- 2 million messages processed daily via STOMP connection from National Rail
- 700 users across all platforms, average rating 4.8 stars on Google Play Store.

Neurodietitian.co.uk (2023) neurodietitian.co.uk

- Worked independently to create a website for those seeking advice from a specialist neurological dietitian.
- Static website with custom CSS, and a small amount of PHP code for the contact page.

Cyclopes Academy Tutoring Service (2023)

- Worked in a team as part of a university assignment, working with an external client.
- Utilised Git version control and Trello task management.
- Main deliverable was a website that created practice papers and mock exams for students (“self-tutoring”) with automatic grading and progress report generation.
- Django website written in Python, some JavaScript front-end functionality.
- Achieved an individual grade of 86%, group grade 84%

Pytinerary (2023) github.com/RTopolowski/pytinerary

- Currently an independent project, however it is open source.
- Python package which serves as a timetable-based journey planner (Connection Scan Algorithm).
- 99% unit test code coverage.

Additional skills

- Proficient in C++, Java, Python, PHP, JavaScript, and Scala.
- Experience with using Linux, Windows, and MacOS.
- Fluent in English, and conversational Polish.