Viswa Marepalli

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EDUCATION

Imperial College London   London, UK
MEng, Electronic and Information Engineering   *Sept 2025 — Present*
- **Incoming (place confirmed).**

Dartford Grammar School   Dartford, UK
International Baccalaureate   *Sept 2023 — May 2025*
- Achieved 40/45 points, with 777 at Higher Level.
- Higher Level: Mathematics AA, Physics, Computer Science.
- Robotics Society lead. Piloted two teams to construct rovers, one team using Redis PubSub as a communication medium, the other simple sockets over a LAN.

EXPERIENCE

Intern   Jul 2025 — Jul 2025
Autumn (YC S25)   *London, UK*
- Built usage limits, allowing users to set limits on how much a product can be used, e.g: $0.05 per chatbot message **up to 1000 chat messages**.
- Wrote Autumn's new CLI tool, allowing users to onboard onto Autumn and create/edit their pricing plans all from their code-base and their command line.
- **Pre-internship**: Rewrote Python SDK to adhere to PEP 8 and other industry conventions. Introduced AsyncIO support and wrote a server handler mountable to any ASGI app; fully compatible with the JavaScript SDK.

PROJECTS

Maintainer, autumn-py (github.com/useautumn/autumn-py)   Jun 2025 — Present
- Rewrote Autumn's (YC S25) Python SDK, equipping it with asynchronous support via aiohttp.
- Redesigned backend route to be framework agnostic. Moved away from framework specific implementations to a universal ASGI implementation, allowing the server handler to be mounted to any ASGI app.
- Documented usage both on Autumn's Mintlify and Sphinx docs.
- Maintaining for future API changes.

EXTRACURRICULAR ACTIVITIES

IRIS Big Data: ATLAS   October 2023 — Jan 2024
- Researched the Z^0 boson, writing a research poster titled: ***Finding the invariant mass of the Z^0 boson via decay product summation***.
- Presented my findings at a research conference in London.

SKILLS

- **Programming Languages**: Python, Rust, JavaScript, C/C++, HTML/CSS
- **Technologies**: React, Tailwind CSS, Git, Ubuntu Linux, Docker