



## Professional Profile

A student with over 3 years of experience working on software and web development individually and as part of a team. Competent user of various technologies. Developed using languages such as Python and JavaScript. I have a keen interest in learning and can adapt on the fly. I have worked remotely and in-person with teams. Demonstrates ability to articulate abstract concepts and ideas. I also have strong problem-solving and mathematical ability.

## Education

**Junior Certificate - Patrician Secondary School, Newbridge** **2019**

Completed 10 subjects, with 8 As in subjects including Maths, Technology, French and Technical Graphics

**Leaving Certificate (Awaiting Results) - Patrician Secondary School, Newbridge** **2022**

Completed 9 subjects, including Technology, Applied Maths, and Design and Communication Graphics

## Qualifications

**BT Young Scientist and Technologist Exhibition** **2020-2022**

Competed on 3 occasions, receiving 5 awards including 2 overall wins in the Technology category. Projects ranged from a new English-Irish translation toolkit to a website and developer suite that allows for transparent data processing.

**BT Business Bootcamp** **March 2020**

Invited to participate after Young Scientist 2020. Cooperated on an energy conservation project and presented it to a panel, including the head of BT Ireland and RTE's technology correspondent.

**Patch** **June-August 2021**

Participated in Patch, spending 6 weeks with a team developing a construction site safety application.

**All Ireland Linguistics Olympiad** **2018-2022**

Competed in the competition 5 times, emerging as the overall winner in 2021 and earning a spot on the Irish team 3 times since 2020. Requires strong problem-solving ability and abstract thinking.

## Skills

- **Programming:** HTML/CSS3/JavaScript, React, React Native, Python (*including DjangoRestFramework*), SASS/SCSS, Bash
- **Programming Tools:** Git, Redux, Google Firebase, PyPI, NPM, Android Studio/Xcode troubleshooting
- **Word Processing:** Proficient in Office and Google Workspace
- **Machine Learning:** Worked with various neural network architectures and implemented them using PyTorch. Built a neural network which improves upon English-Irish translation.

**References available upon request**