

# Title: Student proposed project 2022-2023

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## Description

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Do you have an idea that you'd like to implement as your dissertation project? Maybe you have a cool idea but aren't sure if it is sufficient or appropriate as a Computer Science project.

Conducting your own research and creating a final year project develops transferrable skills, such as independent research, presentation and time management. These are assets that students will use again and again in their future careers. Many of my students in the past have produced excellent work arising from their own project ideas, which has helped them secure jobs at international companies or onwards into academia.

**DISCLAIMER** - The proposed idea needs to pass two tests - firstly that it is of interest to me (in terms of supervision) and secondly that it has sufficient scope to qualify as a legitimate undergraduate project.

## Reference or URL of supporting material

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Not applicable

## Languages and areas of interest

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Ideally, Python (so I can be of some use to you). But if you propose the project you are free to choose the implementation language(s), framework(s) and so on. Indeed, perhaps you could use the project as a way to learn a new language or framework or technique.

The area of interest can be anything (not necessarily from the list below)

- Data mining
- Using APIs or creating your own APIs
- NoSQL databases
- Artificial Intelligence
- Machine Learning
- Web application development
- Mobile application development
- A research project (with a scientific component to it)
- Visualisation
- Social media or social networking