

# Pruthvi Shrikaanth

First year Computing University Student with a passion for developing new technologies and a wide range of experience and skills across different projects. Looking forward to experiencing and learning new ways to solve problems in varying settings.

## Education

**Imperial College London (2024 - 2028): MEng Computing**

**King Edward VI Camp Hill School for Boys (2017 – 2024):**  
A Levels - Mathematics (A\*), Further Mathematics (A\*),  
Physics (A\*), Computer Science (A)  
GCSEs – six 9s, four 8s

## Projects

**Machine Learning Predictions in Particle Colliders** - used Python to process big data and train the XGBoost machine learning algorithm to predict the presence of multiple particles. First place for Best Research Project (ATLAS: Big Data) 2023.

**Peripheral Security System** - manages security around premises, built as a web app from primarily JS, heavy integration with Google Firebase.

**First Aid Training App “Learn2Help” (Android)** - built to teach teens first aid, first experience with Flutter.

**Wordle in Sanketi “Vaarchol”** - React project to port Wordle to the Sanketi language.

**Sanketi Keyboard** - pure HTML/JS webpage for multilingual input.

## Experience

**Academic Representative for 1st Year Computing**  
(2024 – present) - further experience in *communication* and developing *negotiation, advocacy* skills.

**Personal Physics, Maths and Computer Science Tutor**  
(2024 – present) – including *A-level*, maintaining *strong grip* on foundations in each of these subjects, *clear communication*.

**Managed Computing Society in 6th form**  
(2023 – 2024) - experience in *leadership*, communication and *time allotment*. Good *management* skills.

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<https://linkedin.com/in/pruthvi-shrikaanth>

## Skills

Flutter	HTML/JS/CSS
Haskell	Python
React	Haskell
Kotlin	C#

## Hobbies

**Piano** (G5 Theory, G3 Performance)  
**Singing** (G3 Theory, G3 Performance)  
Karnataka Classical Style

## Sports

**Kabaddi** (2 years)  
2 competitions (1 final)  
**Kho-Kho** (2 years)  
1 competition (1 semi-final)

## Languages

**English** (native)  
**Kannada** (native)  
**Sanketi** (native)

## References

**Personal website:**  
<https://blue0tech.github.io/>

Further references available upon request.