

## ABOUT ME

Enthusiastic second year student studying MEng Computing at Imperial College London. Passionate to advance my programming skills, gain experience and create efficient solutions to real world problems.

## SKILLS

- Software and App Development
- Problem Solving
- Time Management
- Collaboration
- Leadership
- Communication

## PROGRAMMING

- Python
- Dart
- HTML & CSS
- JavaScript
- Haskell
- Kotlin
- Java
- C

# HARINI SRITHARAR

## EDUCATION

### **Imperial College London**

MEng Computing (Management and Finance)

October 2022 – June 2026

- Modules include Introduction to Computer Systems, Linear Algebra, Discrete Mathematics, Logic and Reasoning and Introduction to Databases.
- Demonstrated excellent time management skills to meet demanding coursework deadlines.
- Cultivated proficiency in Haskell, Kotlin, Java and C via a combination of weekly projects, semester exams and collaborative group projects.

## PROJECTS

### **Portfolio Website**

August 2023

- Designed and developed an interactive website serving as a dynamic portfolio.
- Harnessed the capabilities of React alongside CSS to craft a website that serves as a testament to my web development capabilities.

### **Audio Visualiser**

June 2023

- Designed the UI for a program written in C providing a complete visualisation of any provided audio file.
- Utilized the GTK library to craft and deploy custom front end widgets, which dynamically adapt to real-time backend data inputs.

### **Revision Quiz App (A Level Project)**

September 2021 – May 2022

- Independently designed and programmed a quiz app, addressing the scarcity of interactive revision resources for students.
- Self-acquired proficiency in the Dart programming language and employed the Flutter framework to create an app with an engaging user interface.
- Utilized Firebase Cloud Firestore for seamless user authentication and efficient storage of user and quiz data.
- Gathered enthusiastic feedback amongst target audience.

## EXTRACURRICULAR

### **Computer Science Tutor**

October 2022 – Present

- Organise and plan 1-1 sessions with GCSE and A Level students to offer support in consolidating subject content and refining exam technique.

### **Introduction To Psychology**

October 2022 – December 2022

- Horizons module taken in the Autumn term at Imperial.
- Enjoyed studying social and cognitive psychology, skillfully identifying, and connecting these principles with my current academic pursuit.

### **Girls Coding Club**

November 2021 – March 2022

- Conducted interactive sessions aimed at introducing programming concepts to KS3 students whilst actively promoting female students to pursue STEM careers.