Noor Sawhney

Student @ Imperial College London

Email: ns1619@ic.ac.uk

Website: noor.fyi

PROFILE

Undergraduate Computing student with academic & industry experience in several languages including Java, Swift, C and Python. Strong collaborative and interpersonal skills developed from years of participation in group projects and volunteering.

EDUCATION

- **Imperial College London** — MEng Computing

  Current 3rd Year (1.1 achieved in 1st & 2nd Year). Notable marks: Computing Practical 2 (81.29%), Software Engineering Design (81.30%), Computing Group Project (87.01%) — *Sept 2019 - Present*

- **Latymer Upper School** — A-Levels and GCSEs

  A-Levels: Maths, Further Maths, Physics, English Lit. (A*A*AA); GCSEs: 10 A*s — *Sep 2012 - Jul 2019*

EXPERIENCE

- **Facebook**, *Software Engineer Intern* — Jun - Sept 2021
  - Worked on SMAX compiler as part of WhatsApp CoreJS Team
  - Developed JS compiler backend in Swift

- **QinetiQ**, *Cyber Security Intern* — Jul - Aug 2020
  - Developed and deployed an attack simulator using Python
  - Worked in a sprint team following Agile methodology

- **Sustaintec**, *Front End Web Developer* — Jul 2019 - Dec 2020
  - Developed portfolio website using Bootstrap
  - Designed logo, branding and business cards using Adobe Photoshop

PROJECTS

- **Protectly** — Jun 2021
  - Android app to facilitate the personal and group safety of 18-25 year olds, developed in Flutter using human centred design techniques
  - Placed in top 5 projects of second year cohort (out of 50)

- **Quantum Music** — Jun 2020
  - Parses given MIDI files and uses wave function collapse to analyse patterns and produce a similar piece of music, developed in C
  - Placed in top 15 projects of first year cohort (out of 50)

- **Osci Render** — Feb 2020
  - 24 hour project that renders lines on an oscilloscope using audio, including a functional flappy bird game and any given coordinates and lines, developed in Java
  - Winner of ICHack Best Newcomer Prize 2020

SKILLS

- **Languages & Technologies**
  - *Proficient*: Java, C, Haskell, Kotlin, Swift, Flutter, Python, Git *Worked with*: Django, SQL, JS (React), JQuery, HTML/CSS

ACHIEVEMENTS

- **ICHack 2020 Winner** — Feb 2020
  - Winner of the Best Newcomer Prize at ICHack 2020, from over 300 participants.

- **Stemettes Hackathons Winner** — 2014 - 2018
  - Winner of over 7 Stemettes hackathons, as both an individual and part of a team, from over 50 - 100 participants.

- **CyberFirst Scheme** — May 2019 - Present
  - Selected for a competitive government and industry backed sponsorship from over 1000 applicants.

- **Cyber Patriot Competition** — 2017 & 2018
  - Placed top 10 for 2 years in a multi-round national group cyber security competition involving securing Windows and Linux machines.