

Suraj G

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[g-suraj.github.io](https://g-suraj.github.io)

## Education

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**Imperial College London** *Computing MEng* First-Class Honors 2015 - 2019

\* *Engineering, Department of Computing, Dean's List, Year 4, 2019*

Dissertation Title: *A Practical Analysis of Optimisation and Recovery Under Uncertainty*

\* Awarded title of distinguished project and the NewVoice Media Prize for Computing for an outstanding individual project in the area of data science.

**Anglo-Chinese School (Independent)** *International Baccalaureate* 2009 - 2014

Subjects: Computing, Maths and Physics; Business, Hindi and Language & Literature

## Work Experience

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**Bloomberg L.P.** *Software Engineering Intern - C++* Mar - Sep 2018

Industrial Placement working in the Fixed Income team, specifically reporting. Re-implemented client-side codebase as a service layer to improve extensibility and reliability. Tool worked on is used by global investment banks and even Bloomberg in-house teams.

**Chubb Insurance** *Summer Intern - DevOps* Sep - Oct 2017

Shadowing and working with DevOps team to deliver scripts and solutions for VCS migration.

**GlaxoSmithKline** *Summer Intern - WebSec* Sep - Oct 2016

Shadowed and worked on proposal to introduce new hires to common security vulnerabilities.

## Projects

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**Pamoja** *Competitive Coding* **IBM Project Prize runner-up**

Platform pits players of similar ranks together, with a coding question that matches their ranks. Users are motivated to rank up with prizes. The more games played, the richer the player's profile, which an enterprise user could inspect. Companies can also create their own questions and target users of certain ranks, then able to view the best solutions to their problems.

**Etherscope** *Smart Contract Explorer* **Microsoft Project Prize runner-up**

A partnership with social impact start-up [Alice.si](https://alice.si) to provide a user-friendly interface for visualising Ethereum smart contracts. Blog post on Microsoft's website about this project [here](#). Etherscope was also covered in a separate article [here](#). The website is live in production at <https://etherscope.alice.si>.

**Baremetal Pac-Man** *Raspberry Pi Project* [git.io/vKTLE](https://git.io/vKTLE)

Reverse-engineered Pac-Man from scratch for the Raspberry Pi, using a game guide. Done in baremetal C, with the Raspberry Pi booting a Pac-Man kernel image. Watch it [here](#).

## Who Am I?

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I have an obsession with music and movies and occasionally write [reviews](#). Ask me about it!

I have also written for Imperial's paper [Felix](#).

I like to take [photos](#).

I can speak English, Hindi, Tamil and Marathi