

G Suraj

Personal Details

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EDUCATION

Imperial College London, MEng. Computing

Oct 2015 - Jun 2019

Third Year Computing student with a First Class with Honours for Years 1 and 2.

Anglo-Chinese School (Independent), International Baccalaureate

Jan 2009 - Nov 2014

Subjects taken were Computer Science, Mathematics and Physics at higher level and Business Management, Language & Literature and Hindi at standard level. Obtained a score of 42 out of a maximum 45 points

WORK EXPERIENCE

GLite LLP Singapore, Summer Intern

Jun 2016 - Aug 2016

QA testing Android application for Pizza Hut. Basic UX and UI wire-framing for Union Energy Singapore.

GlaxoSmithKline, Summer Intern

Sep 2016 - Oct 2016

Proposal to educate new employees on common web vulnerabilities. Shadowing during risk assessments.

Chubb Insurance, Summer Intern

Sep 2017 - Oct 2017

Shadowed several teams and worked with a devOps team and delivered scripts and solutions for VCS migration.

PROJECTS

Pamoja - Competitive Coding

Web Dev

A competitive coding platform that aims to help every level of coder improve in a social environment. Group leader in group of 4. [Ask me to demo this!](#)

Etherscope - Smart Contract Explorer

Blockchain/Web Dev/Data Visualisation

A partnership with social impact start-up [Alice.si](#) to provide a user-friendly interface for visualising ethereum smart contracts. Group leader in group of 5. [Ongoing Project]

Internet of Pillows - git.io/vHcnp

Imperial College Hackathon

A handmade pressure sensor, a mobile app and a Raspberry Pi, connected to your pillow to provide sleep pattern analytics such as heat maps.

Custom Compiler - Compiler Design

C++/Yacc/Flex

Designed a compiler for a custom language. Group leader in group of four.

Pintos - OS Design

C

Implemented key features of a multi-threaded Operating System. Group of 4.

Baremetal Pac-man - git.io/vKTLE

Raspberry Pi

A group project to develop and design pacman from the ground up for the raspberry pi. Group leader of group of 4

Neural Networks - git.io/vKTLq

Python/Java/webdev

A project to explain basic concepts of neural networks. Basic MNIST handwriting recognition implemented.

Cooperate - cooperate.sg (defunct)

Web Dev

Non-profit providing academic assistance for the financially needy. Basic webdev with no prior experience.

Research Project(EE) - International Baccalaureate

2013-2014

IB-level research project on the effectiveness of hash searching.

WHO AM I?

I like [music](#) and [movies](#) occasionally writing reviews

I speak English, Hindi, Tamil and Marathi

I like to take [photos](#) too.