Suraj G

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g-suraj.github.io

Education

Imperial College London *Computing M.Eng.* 2015 - 2019

Fourth Year student on track for a First Class with Honors

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

Subjects taken were Computing, Maths and Physics at Higher Level and Business Management, Hindi and Language & Literature at Standard Level. Obtained 42 out of 45 possible points.

Work Experience

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

Worked in the Fixed Income team, specifically reporting. Re-implementing client-side code-base as a service layer to improve extensibility and reliability. Client base ranged from global investment banks to in-house teams.

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

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

GlaxoSmithKline *Summer Intern - WebSec* Sep - Oct 2016

Worked on proposal to introduce new hires to common security vulnerabilities. Shadowing teams to understand risk assessment protocols, eventually contributing to one.

GLite LLP Singapore *Summer Intern* Jun - Aug 2016

Basic UX and UI wire-framing for Union Energy Singapore. Assisting with QA testing for an Android application with the goal of bringing the Android app up to speed with the iOS one.

Projects

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 certain ranks. Then they are able to view the best solutions to their problems.

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

A partnership with social impact start-up Alice.si to provide a user-friendly interface for visu-alising Ethereum smart contracts. Blog post on Microsoft's website about this project here.

Baremetal Pac-Man *Raspberry Pi Project* 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?

I like music and movies, occasionally writing reviews, having written for the school paper.

I like to take photos. I speak English, Hindi, Tamil and Marathi