G Suraj

<div align="right">Curriculum Vitae</div>

Personal Details

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EDUCATION

Imperial College London, *Meng. Computing*   2015 - 2019
   Third year computing student with a first class with honors for years 1 and 2.

Anglo-Chinese School (Independent), *International Baccalaureate*   2009 - 2014
   International Baccalaureate Diploma obtained for Computer Science, Mathematics and
   Physics at higher level (HL) and Business Management, Language Literature and Hindi B
   at standard level (SL). Obtained a score of 42 out of a maximum of 45 points

WORK EXPERIENCE

GLite LLP Singapore, *Intern*   Jun - Aug 16
   Worked with a team of remote developers to help with QA testing during the development
   of an Android application for Pizza Hut. Also helped with basic UX and UI wire-framing for
   Union Energy Singapore.

GlaxoSmithKline, *Summer Intern*   Sep - Oct 16
   Research and analysis of common web application vulnerabilities to find solutions to mitigate
   these issues. Also shadowed colleagues during risk assessments to understand the processes
   and intricacies behind a large MNC alleviating security issues.

Chubb Insurance, *Summer Intern*   Sep - Oct 17
   Shadowed several teams and worked with a devOps team and delivered scripts and solutions
   for VCS migration.

PROJECTS

Pamoja - *Competetive Coding*   Web Dev
A competitive coding platform that aims to help every level of coder improve in a social environment. Ask me to demo this!

Internet of Pillows - *git.io/vHcnp*   Imperial College Hackathon
In 20 hours, using a handmade pressure sensor and a raspberry pi, we connected a pillow to a
mobile phone to provide a analytics of your sleeping patterns. Some features included heatmaps.

Custom Compiler -   C++/Yacc/Flex
Designed a compiler for a custom language. Done in a group of four.

Pintos - *OS Design*   C
Implemented key features of a multi-threaded OS.

Baremetal Pac-man - *git.io/vKTLE*   Raspberry Pi
A group project to develop and design pacman from the ground up for the raspberry pi.

Neural Networks - *git.io/vKTLq*   Python/Java/web dev
A project to explain basic concepts of neural networks. Basic MNIST handwriting recognition
implemented.

Cooperate - *cooperate.sg (defunct)*   Web Dev
Non-profit geared towards providing academic assistance for the financially needy. Basic web dev
with no prior experience of HTML/CSS

Research Project(EE) - *International Baccalaureate*   2013-2014
IB-level research project on the effectiveness of hash searching.