SUN Yudong

孙毓栋

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Curriculum Vitae

/ 01 Summary

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look.

/ 02 Skills

Web Design + Full Stack Development
Frontend   JavaScript, HTML5/CSS3
Backend   LAMP

*NIX Sys Administration and Automation
shell scripting; server deployment

Git Distributed Version Control System

Python, C++
incl. data processing (gnuplot, numpy)

NodeJS, C#, VBA, and MATLAB

Document processing with LaTeX

Competitive Programming
incl. data structures and algorithms

/ 03 Selected Projects

The English Tuition Corner   `Full Stack`   2017
theenglishtuitioncorner.com

Deployed a `Wordpress` website and email server for my teacher from a `LAMP` VPS. Emails were also properly authenticated with `DKIM` and `SPF`. CAN EXPLAIN MORE

SMB Redesigned   `JS`   2016
github.com/sunjerry019/SMB_Redesigned

`Greasemonkey` User Script that incorporated `MaterializeCSS` to create a custom, better designed user interface to the school's online message board (SMB) at its original endpoints.

photonLauncher   `python/bash`   2016
github.com/sunjerry019/photonLauncher

Created equipment interfacing scripts used on Linux with `pyusb` and automated said scripts for repeated data acquisition. `numpy` and `gnuplot` were used to statiscally analyse collected data. Reverse `SSH` was utilized for remote monitoring, experimentation and extraction of data without physical access to the lab.

/ 04   Related Experience

2017 - 2019   Operations and Training Administrator   Army / NSF

Overcame limitations of provided tools by creating and maintaining a database in Excel to manage the particulars and details of more than **1200** people, including writing periphery tools to automate the verification (e.g. NRIC) and retrieval of information from the intranet using `VBA` and formulae.

2015 - 2016   Founding Member, Coding4Children   Volunteer
Ulu Pandan Stars (UP Stars)

Through various mini `scratch` projects, taught underpriviledged primary school children coding in hopes of getting them interested in technology and learning a new and useful skill in this changing times.

2014 - 2016   Photonics Interest Group   Founding Member
Hwa Chong Institution
github.com/sunjerry019/photonLauncher
Measuring the Temporal Correlation of Light from a Mercury Discharge Lamp   **2016**

Carried out Photon Statistics experiments in the photonics lab. Lorem ipsum dolor shit to explain what you did but dont repeat whatever you alr said.

2011 - 2016   Electronic Communications and Computer Club   Web Developer
Hwa Chong Institution   Vice Chairman 2014

Self taught most computer knowledge in this club. Developed skills and gained experience in Web Design Development and Competitive Programming. Exposed to basic computer security concepts. Represented the school in national competitions such as the Singapore Games Creation Competition (SGCC) and National Olympiad in Informatics (NOI).

/ 05   Education

2015 - 2016   Hwa Chong Institution (Junior College)   H2 4×A's || H3 Distinction
GCE A Levels   Physics, Chemistry, Maths and German   H2
Linear Algebra [NUS]   H3

Selected to pursue Physics and Maths under the Gifted and Talented Education Programme. Excelled and was awarded the Hwa Chong Diploma with Distinction upon graduation.

2011 - 2014   Hwa Chong Institution (High School)
Integrated Programme   Academic Mean Subject Grade 1.27

Physics and Biology Specialisation with German as a 3rd Language. Graduated with the Outstanding Student Award (OSA).