

Yanxin GONG

Curriculum Vitae

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Come from: China

Education

2011–Present **IT network system**, UTC Université Technologie de Compiègne, promo 2014.

2009–2011 **Engineering preparatory course**, ESIGELEC.

Professional experiences

2013 **Real time data analyse projet**, UTC, NodeJS, 6 months.

This projet is about some qualitative tests of the sunlight radiation datas. First of all, the designed programme allows to fetch datas from data logger or monitors some data files and then, it will generate a data stream and test this stream with some physic formulas. The datas' errors can trigger the mail system to send a warming email. This hole projet has been developped in NodeJS.

2012 **BIG DATA & Cloud Computing intern**, Samber Valley, NodeJS, MongoDB, websocket, 6 months.

- Coding of a statistic server with **MongoDB** query-language and designing of a **real time** publish-subscribe system.

- Calculation **performance improved** : streaming, good choise of the index, splitted tables.

- BIG DATA handled by MongoDB's **MapReduce**

Data Base design projet, 4 students 5 months.

- Conceptual **modeling** in UML and projet management.

- Used PHP, Bootstrap and PostgreSQL.

2010–2011 **Personal projet**, *mini game labyrinth*, C.

- Building and programming of my own algorithm which allow few paths.

IT

Languages C, NodeJS, JS, CSS/HTML, PHP, Java, shell, bash, scilab.

DataBase PostgreSQL, MongoDB, Oracle

Technologies Bootstrap, Git, \LaTeX , memcache, MongoDB clustering/segmentation/dépolement, CORBA, Webservice, J2EE, Apache, Proxmox, OpenVZ

Speaking skills

- Mandarin(mother tongue), Cantonese.

- English, good level in read, write and speaking.

- French, fluent.

Community

MongoDB DBA offical certificated.

Github id : GGYaX.