

# Yanxin GONG

## Résumé

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Come from: China

## Education

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

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

## Professional Experience

2013 **Real time data analyze project**, UTC, NodeJS, 6 months.

- This project is about some qualitative tests of the sunlight radiation data.
- First of all, the designed program allows to fetch data from data logger or monitor some data files. And then, it will generate a data stream and test this stream with some physic formulas. The errors of data can trigger the mail system to send a warning email.
- This whole project has been developed 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 choice of the index, splitted tables.
- BIG DATA handled by MongoDB's **MapReduce**

**Database design project**, 4 students 5 months.

- Conceptual **modeling** in UML and project management.
- Website construction using PHP, Bootstrap and PostgreSQL.

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

Building and programming my own algorithm which allows a few paths.

## IT

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

Database PostgreSQL, MongoDB, Oracle

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

## Speaking Skills

- Mandarin & Cantonese, mother tongue.
- English, do well in reading, writing and speaking.
- French, fluent and accurate.

## Community

MongoDB DBA officially certificated.

Github ID : GGYaX.