

# Kun Chen

## EDUCATION

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### THE GEORGE WASHINGTON UNIVERSITY

Master of Computer Science

GPA: (over) 3.92;

Relevant Coursework includes:

- Design & Analysis of Algorithm, Computer System Architecture, Advanced Software Paradigms
- Database Management Systems, Big Data & Analytics, Machine Learning

Washington, DC

Graduation 12/2018

### Wuhan University of Technology

Bachelor of Material Physics

Relevant Coursework includes: Application of Computer in Material Science, C programming, The principle of computer

Wuhan, China

Graduation 06/2012

## WORK EXPERIENCE

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### NAME OF EMPLOYER (Most Recent)

Huawei Technologies Co., Ltd.

06/2012-01/2013 Shenzhen (China)

01/2013-10/2015 Jakarta (Indonesia)

### Job Title: Senior Technical Serving Engineer

- Worked as UMTS network quality team leader for about 3 years in Huawei's South Pacific office in Jakarta, Indonesia, led the local team of 12 people from different countries and cooperated with a 10 people R&D team.
- Used big data to display user cell phone experience by grid geographic display and implemented corresponding software feature solution to improve user network experience.
- Analyzed quantitative data to analyze different cellphone brands, user call fail times rate, web open delay time distribution to guaranteed the success of Indonesia's biggest operate in JP-Morgen and AC Nielsen report.
- Took charge of the entire Indonesia's largest operator of 3g network software strategy optimization, such as dealing with GM level customers in headquarters and reporting on the VP regularly
- Published 13 Technology cases and applications in the company's intranet site
- Solved the hundreds high-end clients', such as first lady's, complaints in time and effectively, made customers understand the value of software by implementation result that brought about 20 million profits to the company, Therefore, had been promoted and awarded Best Technical Staff of Indonesia Branch in the year 2014

## SKILLS/ACTIVITIES

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Technical: Python, SQL, JAVE, R, OpenCV, AWS, Matlab, Hadoop,

### Project/ Research experience ---- THE GEORGE WASHINGTON UNIVERSITY

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#### Face Recognition and detection sign in Project

01/ 2017-03/ 2017

- Designed algorithms to detect face pictures taken by raspberry pi by camera
- Trained the recognizer with dataset of previously captured faces along with its ID by machine learning, optimizing the parameter to increase the confident rate
- Connect the input and output data from recognizer to database by SQL to record the information of people

#### Algorithm design to solve clique problem (Group Project)

05/2017- 07/2017

- Designed heuristic algorithm to solve the clique problem which is NP problem
- Compared with Bron-kerbosch and B&B algorithms, the new heuristic algorithm's accurate rate improve 5%
- Applied this algorithm to social network for detach friends clique

#### Design a Electronic Commerce Website system using software architectural structures

02/2017 -05/2017

- The system included components and documenting the architecture, the alternatives and decision process
- Gave a presentation in class of complete picture of this product including Database, Web site functions, Customers accounts, Maintain inventory of warehouse, Order Fulfillment Interface, etc.