

Resume by Sean C.H. Lin

RF Testing S/W Developing Engineer · Algorithm Developing Engineer · Automated Program Developing Engineer ·
Physiological Signal Processing Engineer · Data analyst · Researcher

English Resume: <http://bit.ly/2IWmoMa>

Personal Information

Name: Chun-Hao Lin (Sean) Gender: Male
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Education

National Chiao Tung University, Hsinchu, Taiwan 2013/09 - 2017/09
Institute of Electrical and Control Engineering
Master degree

Feng Chia University, Taichung, Taiwan 2003/09 - 2007/09
Department of Information Engineering and Computer Science
Bachelor degree

Familiar Domains

Wireless Technologies, Automation Verification/Testing, Data Analysis, Bio-ICT, Image Processing, Machine Learning

Professional Skills

Computer Language

1. C/C++ (10 years)
2. Matlab, OpenCV in physiological info. domain (4 years)
3. Qt framework (4 years)
4. Python (2 years)
5. Oracle SQL (1 years)

Developing Environment

Windows
Ubuntu
macOS

Language

English
Mandarin

Experience

1 Distinguished Professor Bing-Fe Wu's CSSP Lab, ECE, NCTU · Master Student ·
September 2013 - September 2017

1. Image process in BioICT filed.
2. Developing algorithm for using image only to detect vital sign - heart rate.
3. Developing algorithm for using image only to estimate vital sign - blood pressure.
4. Developing program to access and abstract data from open physiological database.



國立交通大學
National Chiao Tung University

5. Establishing private physiological database.
6. Apply machine learning in physiological info. field.
7. Developing algorithm in Matlab and speed up by rewriting it in C/C++.

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Azurewave Inc. · Deputy Project Manager · March 2014 - now



1. Developing 1st version program of verification/testing PLC (Power Line Communication) product.
2. Developing program of verification/testing NB-IoT.
3. Co-work with IT and consulting firm to phase in factory 4.0 .
4. Internal source code version control system research/verification/phase in (Git for server and client side both).
5. Reviewing source code, release program and documents.
6. To hold internal training by H/W and S/W demand.

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Azurewave Inc. · Senior Engineer · March 2011 - February 2014



1. Developing log parser and statistic tool for monitoring product quality.
2. Co-work with test line to build shop floor.
3. Developing program of verification/testing Marvell IoT(Internet of Things) platform.
4. ATE(Automatic Testing Equipment) developing, maintaining and flow optimizing.
5. To join Apple iMac Pro wireless module project. (be responsible for verification and testing part).

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Azurewave Inc. · Engineer · October 2008 - February 2011



1. Be familiar with DVT-EVT-PVT-MP product develop flow.
2. Developing 1st version program of verification/testing FM/RDS technologies product.
3. Developing 1st version program of verification/testing GPS technology product.
4. Developing program of verification/testing Broadcom WiFi/BT IC.
5. SLT Handler(System Level Test Handler) verification, debugging, phasing in and mass deployment.
6. To join the project of wireless SiP(System in Package) module manufacturing.

Recent Projects

Internal Training 1

In this internal training, I present WiFi RF signaling test method and flow. The comparison data of signaling and non-signaling are also included. Finally, I share some troubleshooting tips in signaling test. [Detail](#)

Internal Training 2

In this internal training, I present a software skill called unit test and apply it to current NB-IoT project with Python language. [Detail](#)

Internal Training 3

In this internal training, I show the flow and related tool which design by me for H/W to statistic each test item and draw its graph. By this, it will reduce H/W loading in DVT stage. [Detail](#)

Master Thesis

Developing a system by using computer vision and several algorithm to achieve "measuring blood pressure remotely and cufflessly with off the shelf webcam". [Detail](#)

Reference

Name: Professor Bing-Fe Wu

Department: Institute of electrical and control engineering, National Chiao Tung University, Hsinchu, Taiwan

Title: Distinguished Professor (IEEE SMC Fellow)

E-mail: bwu@cc.nctu.edu.tw