

Sean C.H. Lin

Software Manager · Algorithm Developing Engineer · Automated Program

Developing Engineer · Data analyst · Researcher

English Resume: http://bit.ly/2lWmoMa
English C.V.: http://bit.ly/2KJau2M
Simplified Chinese C.V.: http://bit.ly/2KOFBKG

Linkedin: https://www.linkedin.com/in/sean-c-h-lin-143b4211b/

My current job title is deputy project manager. My first expertise is developing automated test/verify program for wireless technologies. For example: WiFi 802.11 a/b/g/n/ac, BT/BLE, FM/RDS(Radio Data System), GPS and NB-IoT. Enhancing program and optimizing flow are also included. My second expertise is in Bio-ICT field with image process, physiological information process and machine learning. My master thesis is to present a system for measuring heart rate and blood pressure by using off the shelf webcam only.

Personal Information

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

Birthday: 18/June/1984 Nationality: Taiwanese Mail: seanlin0618@outlook.com Phone: +886-918073618

Address: No.114, Yongchun Ln., Yanhe St., Linluo Township, Pingtung County 909, Taiwan (R.O.C.)

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

Language

English Mandarin

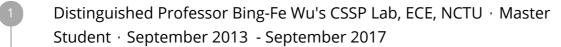
Developing Tools

Developing Environment: Windows, Ubuntu, macOS

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)

Experience





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

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

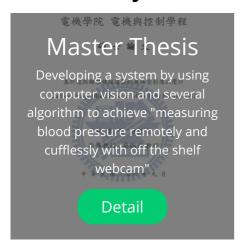


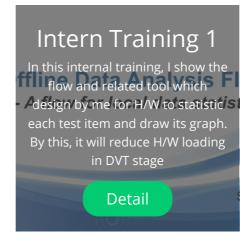
- 1. Developing log parser and statistic tool for monitoring product quality.
- 2. Co-work with test line to build shop floor.
- 3. Developing program of verification/testing Marvell IoT(Internet of Things) platform.
- 4. ATE(Automatic Testing Equipment) developing, maintaining and flow optimizing.
-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







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)

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