**Ting-Chu Chen**

**Wright State University**

**3640 Colonel Glenn Hwy**

**344 Neuroscience Engineering Collaborative**

**Dayton, OH 4535**

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***EDUCATION AND TRAINING***

**Aug. 2016 – Now:**

**Wright State University, Biomedical Engineering, Exchange Visiting Scholar**

**Sep. 2013 – Now:**

**Chung Yuan Christian University, Bachelor of Biomedical Engineering**

***EXPERIENCE***

**Aug. 2016 – Now :**

**Undergraduate Research Assistant at Ergonomics in Remote Environments Laboratory, EREL, Wright State University, USA.**

**Jul. 2015 – Aug. 2016 :**

**Marketing Assistant of CONTEC Inc.**

**Apr. 2014 – Aug. 2016 :**

**Undergraduate Research Assistant at Biomedical Informatics Laboratory, BMIL, Chung Yuan Christian University, Taiwan.**

***PROGECTS***

**˙Simplified Automatic Tracking System Based on Infrared and Ultrasonic Modules**

**˙Automatic Wheel Chair for Limbs Weakness Based on EOG Signals Analyzing System**

**˙High Power Infrared Laser Acupressure Instrument**

**˙Portable ECG Recording System with High Resolution**

**˙Six-feet Line Follower Robot with Object Detection Functions Based on Neuron**

**Network**

***Competition Experience:***

**2016 Nvidia Embedded Vision Smart Robot Challenge**

**2015 BME Creativity Project Contest**

***SKILLS***

**Programing Language:**

**Competent in C/C++, C#, Java**

**Knowledge of Python**

**Operating System:**

**Able to work on Windows and Linux systems**

**Framework and Library:**

**Competent in OpenCV**

**Knowledge of Caffe, CUDA**

**Software:**

**Competent in Visual Studio, AutoCAD, DesignSpark, Matlab**

**Language:**

**Chinese (mother tongue)**

**Good user of English**

**Beginner in Japanese**