

CHUA WANG AN

Dedicated and driven technology enthusiast looking to apply my skills and analytical mindset to creating specific targeted solutions that will help solve real world problems



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ChuaWangAn.com

Work Experience

05/2016 - 08/2016

Singapore

Project Implementer (Internship) Singapore National Eye Centre (SNEC)

Design & Development

- Developed and implemented a full system for tracking, logging and analysis of hand hygiene data

10/2012 - 08/2014

Singapore

Infantry Officer Singapore Armed Forces (SAF)

Tasks/Achievements

- Planned and Executed military trainings and exercises
- Oversaw logistical and training needs

04/2012 - 10/2012

Singapore

Design & Development Officer Ngee Ann Polytechnic

Tasks/Achievements

- Improved and developed wireless wearable sensor for fall detection of elderlies
- Assisted in other research and development efforts within the lab

09/2011 - 02/2012

Japan

Student Researcher (Internship) Chiba University

Tasks/Achievements

- Designed and developed wireless wearable sensor for fall detection of elderlies
- Assisted in other research and development efforts within the lab

Education

06/2014 - 06/2017

Singapore

Bachelor of Engineering (Electrical & Electronic Engineering) Nanyang Technological University

04/2009 - 04/2012

Singapore

Diploma in Biomedical Engineering Ngee Ann Polytechnic

Skills & Competences

Think through first principles

Goal Oriented

Leadership

Future Focused

Critical Thinking

Communication

Team Player

Micro-managing

Achievements

Hackathon@SG2015 (Champion)

2015 Largest Hackathon in Singapore organised by Infocomm Development Authority of Singapore

BES 6th Scientific Meeting (Silver Award)

Biomedical Engineering Society of Singapore 6th Scientific Meeting. Silver Award for Oral Presentation of research work

CISCO Systems Prize

Outstanding performance in Overseas Internship to Chiba University, Japan

Technical Skills & Abilities

Electronics: Embedded Systems | C Programming | C# | PCB Design

Web Design: HTML | CSS | JavaScript | PHP | SQL (< 1 year)

Microsoft Office

Microsoft Visual Studio

Solidworks

Languages

English

Native or Bilingual

Chinese

Native or Bilingual

Hokkien (Dialect)

Intermediate

Japanese (JLPT N5)

Beginner

Interests

Programming | Piano | Sports | Reading | Current Affairs | Extraterrestrials Materials | Travelling | Engineering