



CAN CHEN

New Engineering Graduates



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Ottawa, ON

Career Objective

Pursuing a PE license. To work in a challenging and dynamic environment and to keep adding value to the organization that I present and serve, where I can utilize my skills, and develop myself in the progress.

Project Experiences

Android App Development - 4th Year Project - (Completed | 2016)

Developed a functional Android App from scratch, which achieved all the design criteria. The App was part of the project 'Smart Parking Services', it enables our client to perform certain tasks on their Android Phone.

Grade: A- Team of Six Person MySQL JAVA Android Studio

Turbidity Sensor Design - 3rd Year Project - (Completed | 2015)

Developed a low cost (~2CAD) Turbidity Sensor for the team project 'Aquarium Monitoring System'. The turbidity sensor was designed from scratch, I've learned a lot during the research and design process.

Grade: B+ Team of Six Person Arduino 3D Printing SolidWorks

Nail Holder Design - 1st Year Project - (Completed | 2013)

Provided the idea, and developed a Nail Holder. It helps user avoid hitting their fingers from hammer.

Team of Four Person 3D Printing CREO / ProE

3DP Printer Design - Side Project - (In Progress | 05/2016 ~ now)

The goal is to design and build my own colored 3D Printer which utilizes the 3DP technology. It prints in powder with a special binder. The printed parts has higher layer resolution than desktop FDM 3D Printers.

The project gives me the opportunity to apply most knowledge I've learned and expose myself to new unknowns.

C ARM Embedded Circuit Design PCB Layout Keil uVision
Debug 3D Printing Eagle SolidWorks

AND MORE ...

Education

B.E. in Electrical

Carleton University, Ottawa

- In Progress (graduate in February 2017)

Professional Skills

- Team Player
- Problem Solving
- Time Management
- Critical thinking
- Work under pressure
- Multitasker

Personal Qualities

- Honest
- Willing to Learn
- Detail Oriented
- Creative
- Self-Confidence

Interests

Embedded Systems / AI /
Internet of things / Hobbyist
Electronics / 3D Printing /
Soldering / Wood Working /
Technology / Video Games /
Programming

Languages

- English
- Chinese (Mandarin)