

# Anna Dong

Biomedical Engineering ♦ University of Waterloo

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🌐: [annadong.me](http://annadong.me)

## Summary of Skills

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### Professional Skills

- ▶ Extensive understanding of **C++, C#, Java, HTML & CSS**
- ▶ Familiar with **JavaScript, Matlab & R**
- ▶ Proficient in **SolidWorks, AutoCAD, Adobe Photoshop & Adobe After Effects**
- ▶ Experienced **Microsoft Office** user

### Personal Skills

- ▶ High **communication** skills developed through 2 years of customer service work experience
- ▶ Excellent **teamwork** and **management** skills demonstrated through various extracurricular involvements
- ▶ **Self-motivated** individual

## Projects

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### Personal Website, [annadong.me](http://annadong.me)

September 2015 - Present

- ▶ Coded in HTML, CSS and Javascript to create an online personal profile

### Orobound, PCH Hardware Hackathon Project

June 2015

- ▶ Researched various biosensors to detect pneumonia virus
- ▶ Used various hardware platforms such as Arduino and Raspberry Pi to create a prototype sensing humidity levels in the surrounding area

### AquaBee, Engineering Design Project

September 2014 - December 2014

- ▶ Engineered a device to aid visually impaired swimmers, with self-built wireless signalling system and a 3D printed model constructed using SolidWorks
- ▶ Application of Gantt chart, life cycle assessment and user testing to ensure quality of prototypes

## Experiences

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### Data Lab Research Assistant, MIBS Lab, University of Waterloo, Waterloo, ON

May 2015 - August 2015

- ▶ Analyzed effect of shear stress on human corneal epithelial cells using image processing softwares
- ▶ Conducted flow cytometry data analysis
- ▶ Performed contact lens drug release experiments using spectroscopy technology
- ▶ Practiced cell culturing techniques such as cell feeding, cell splitting and cell seeding

### Online Profile Manager, University of Waterloo, Waterloo, ON

December 2014 - April 2015

- ▶ Managed all engineering student ambassador's online personal profiles

### Receptionist, Unison Piano Co, Toronto, ON

October 2012 - August 2014

- ▶ Collected and organized tuition fees and book sales profits using Microsoft Office

### Yearbook Designer, Yearbook Committee, Toronto, ON

September 2012 - June 2013

- ▶ Gained extensive knowledge in Photoshop through creating yearbook layouts with Adobe Photoshop

## Profile

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**Education:** Candidate for Bachelor of Applied Science (BASC), Biomedical Engineering, University of Waterloo, September 2014 - Present

### Awards:

**President's Scholarship:** Awarded to students with an entrance average above 90%

**Chachra Family Entrance Scholarship:** Awarded to students with an outstanding high school supplementary application and academic performance

**Interests:** Completion of Grade 10 Royal Conservatory of Music Piano Exam, self-taught guitarist, music composition, youth worship leader, intramural sports.