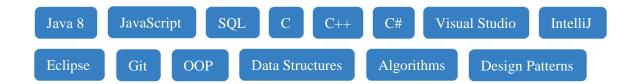
Email: brian.ck.wang@gmail.com

Cell: 647-668-5303

## **SKILLS**



# **EXPERIENCE**

## Robotics Programmer/ Electrical Designer (ABI Ltd)

**November 2017 - Current** 

- Designed UL certified control system for bakery automation including responsibilities from control logics planning, schematic designing, part selecting and purchasing, PLC/HMI/Vision programming and on-site/remote commissioning
- Assisted in development of Katana, a robotic bread scoring control software
- Programmed ABB robot using RAPID language in product pick and place, ultrasonic blade bread scoring, and waterjet patterning
- Performed simulation using RobotStudio for production rate verification, mechanical limitation verification, and potential robotics capability demonstration
- Composed check lists and SOP for equipment design process
- Generated test result reports of robotics scoring testing on customer specifications and requirements

#### **Mechanical Designer/ Test Technician (Paragon Systems)**

**April 2017 – November 2017** 

- Designed/assembled/installed vibration fixtures to accommodate various products for vibration testing
- Assisted customers for specific testing procedures under specifications
- Performed, monitored, and logged for numerous types of mechanical tests
  Vibration test, BSR sound testing, thermal shock, environmental aging, and cyclic corrosion.
- Generated detailed test result reports for customers

# **EDUCATION**

## University of British Columbia - 2016

BASc Mechanical Engineering, Mechatronics Specialization

2016 Undergraduate Student Leadership Award by UBC Mechanical Engineering Department