

# CHANDLER BING

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## HIGHLIGHTS OF QUALIFICATIONS

- Enrolled in level 3 of the 4-year Computer Engineering Co-op program
- Exhibits strong organizational skills through participation in DeltaHacks
- Competent in test automation and software/hardware test verification
- Supportive and enthusiastic team player dedicated to streamlining processes and efficiently resolving project issues

## TECHNICAL SKILLS

### Programming Languages:

Python	MATLAB
C/C++	Verilog
Java	HTML

### Software:

Quartus II	Visual Studio
Inventor	Code Blocks
ModelSim	Atom
NetBeans	SQL

### Hardware:

FPGA	PLCs
Arduino	FRDM-K64F

### Other:

Hackathons and gaming

## EDUCATION

**Bachelor of Engineering, Computer Engineering** April 2018  
**McMaster University, Hamilton ON**

- Achieved a cumulative grade point average of 3.5 on a 4.0 scale

## EXPERIENCE

**Engineering Document Control Student** May – Dec 2017  
**Siemens, Concord ON**

- Improved project completion rate by generating metrics for finding key faults associated with the production line
- Led daily team meetings to review change orders and change requests to create stronger communication between teams
- Created streamlined processes for ensuring record keeping accuracy among all departments

## RELEVANT PROJECTS

**Hardware Image Decompressor** Oct – Nov 2017

- Implemented an image decompressor using an Altera DE2 board
- Programmed a system of FSMs in Verilog to perform image decompression on a compressed 320X240 image
- Increased common case efficiency in interpolation and colour space conversion by achieving 93% utilization of onboard multipliers

## EXTRACURRICULAR ACTIVITIES

**DeltaHacks** Jan 2017

- Collaborated with a team of four people to create a working hack within 24 hours
- Strengthened adaptability and collaboration skills by creating a working hack within the given time frame