

Chandler Bing

P: 905-525-9140 | E: chandlerbing@mcmaster.ca | LinkedIn.com/in.chandlerbing | BingC@github

Highlights of Qualifications

- Enrolled in level 3 of the 4-year Computer Engineering Co-op Program
- Exhibit 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

McMaster University, Hamilton ON

April 2023

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

Experience

Engineering Document Control Student

Siemens, Concord ON

May – December 2020

- Improved project completion rate 15% 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

January – March 2021

- 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

January 2021

- Collaborated in a team of 5 to create a working hack to solve (problem) by creating (solution) within 24 hour timeframe
- Strengthened adaptability and collaboration skills by creating a working hack within the given time frame