McKay Mower

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Education

University of Utah	Salt Lake City, UT
B.S. in Computer Engineering	*Aug. 2018 - Present*
Salt Lake Community College	Salt Lake City, UT
A.S. in General Studies	*May 2016 - May 2018*

School Project Experience

Physical Pong (VHDL, Python, Assembly) *Fall 2020*
- Coded game logic of the classic physical pong game, which was then controlled via a physical custom game board (3D printed, electromagnetic parts)

Encoder/Decoder (C) *Spring 2020*
- Fabricated an encoder and a decoder for a new file type (.asif, audio slope information file) which decoded any type of audio file and encoded back into .asif.

Tank Wars Game (C#) *Fall 2019*
- Built a graphical user interface (GUI) that represented the client.
- Kept track of scores through a database via SQL

Spreadsheet (C#) *Fall 2019*
- Coded GUI for a spreadsheet
- Stored cell data in XML and handled in backend

IR Transmitter with Arduino (C++) *Fall 2018*
- Constructed two arduino boards that sent/received messages robustly via infrared signals.

Work Experience

Bullfrog Spas	Herriman, UT
Assembly Line Associate	*June 2020 - Aug. 2020*

- Ran a computer numerical control unit designated to fabricate side paneling for luxury hot tubs.

BG Multifamily	Midvale, UT
Leasing Agent	*June 2019 - Aug. 2019*

- Delivered tours of luxury apartments to prospects and followed up with leads and calls.

IKEA	Draper, UT
Logistics Co-Worker I	*June 2018 - Aug. 2018*

- Managed a warehouse by keeping track of stock and using pallet jacks to store products.