

# Aaron Tibben

## Manufacturing Machine Programmer

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Github <https://github.com/Mental-Block>

Portfolio <https://aarontibben.com>

## SKILLS

HTML, CSS, Javascript/Typescript, Postgres, React, Node/NPM, Express, Design Patterns, Microsoft suit

## WORK EXPERIENCE

### Ross Video, Iroquois, ON — SMT Line Operator

Feb 2021 - Present

- CIS IPC-A-610 and C-PAT Certified
- Adhered to MSDS, ESD and other safety practices
- Proficient in Koh Young AOI Operation (PRO-MFG-AOIO-003)
- Used MES for tracking, handling for better product control of PCB's
- Troubleshooted AOI and feeder cart issues like 'bad' feeders in cart and AOI unknown error
- Read documentation/data sheet for common parts to get markings; got support for confirmation
- Completed general tasks including board labelling, tooling reels, putting away reels, sticks & mags and etc

### Tibben Masonry, Iroquois, ON — Construction Labourer

Jun 2019 - Feb 2021

- Operated a cement mixer following a ratio of water, cement powder and sand for consistent mix
- Completed general such as cleaning work area, Set up and tore down scaffolds and fetched material
- Jointed concrete blocks, brick, stone and swept the wall for a finished look

## RELATED EXPERIENCE

### SMT Calc

Jul 2021- Present

Project <https://smt-calc.com/>

Username: Ross Password: Ross2022!

SMT Calc is a system for tracking the duration of time that a MSL reel has been exposed outside a curing cabinet.

- Ensures better product control of MSL reels by allowing real time viewing of soon expired reels
- Follows IPC/JEDEC Standard J-STD-020 for reel durations
- Allows for different user permission levels in a secure way by using token based authentication
- Application is hosted in the cloud and is a SPA allowing access from anywhere
- Technologies used Typescript/Javascript, HTML, LESS, Ant Design, React, Babel, Webpack, Express, Postgres, TypeORM, Node/NPM and Docker

## EDUCATION

### Seaway District High School — OSSD

Graduated

(SDHS Computers and Computer Science Awards Winner)

- [University Computer Science \(2019\)](#)
- [University Computer Science \(2018\)](#)
- [Introduction to Computers \(2017\)](#)