Aaron Tibben

Full Stack Software Engineer

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Github https://github.com/Mental-Block
Portfolio https://aarontibben.com

RESUME SUMMARY

Motivated self starter who loves to solve tech and business related problems.

SKILLS

HTML, (S)CSS, React, Javascript/Typescript, Node/NPM, Express, Postgres

RELEVANT EXPERIENCE

SMT CALC

Project https://smt-calc.com/   *Username: Guest Password: Guest123!*

SMT CALC is a clock system for figuring out the exposure and recovery time of moisture sensitive SMD components reducing product wastage. Following IPC/JEDEC J-STD-033 and JDEC-020 standard.

- Allows users to know exactly what MSL components are out of and in a dry cab using a barcode scan system
- Creates a printable sheet for all outstanding moisture sensitive SMD components
- Provides real time feedback of the floor life of SMD components ensuring IPC/JEDEC J-STD-033 compliance
- Can create labels and components separately allowing it to be package type agnostic
- Removes paper and manual processes allowing for more reliable and accurate data
- Technologies used Typescript/Javascript, HTML, LESS, Ant Design, React, Babel, Webpack, Express Postgres, TypeORM and Node/NPM

WORK EXPERIENCE

Ross Video, Iroquois, ON — SMT Line Operator

- CIS IPC-A-610 and C-PAT Certified
- Adhered to MSDS, ESD and other general safety practices
- Inspected SMD components on PCB boards, using Koh Young AOI Operation and manually
- Completed general tasks including board labelling, tooling reels, putting away reels, sticks & mags and etc
- *** Created a tool for calculating the exposure time of moisture sensitive SMD components**

Tibben Masonry, Iroquois, ON — Construction Labourer

EDUCATION

Seaway District High School — OSSD   *Graduated - Honours*
(SDHS Computers and Computer Science Awards Winner)

- University Computer Science (2019)
- University Computer Science (2018)
- Introduction to Computers (2017)