

DYLAN BANASZAK

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A young professional with a firm understanding of the engineering process looking to gain real world experience in the engineering field as part of a company dedicated to their mission.

EDUCATION

AUGUST 2020

BACHELOR OF SCIENCE ENGINEERING – MECHANICAL ENGINEERING, OAKLAND UNIVERSITY

Minor in Computer Science. Prelaw studies.

MAY 2015

DIPLOMA, L'ANSE CREUSE HIGH SCHOOL

ACT: 30. National honor society member. All state lacrosse team member.

SKILLS

- 3D CAD (Catia V5, Solidworks, Inventor)
- C, C++, Visual Basic, Java
- Manufacturing drawings
- MATLAB
- Ansys
- Leadership
- Yoga
- Mandarin Chinese

PROJECTS

MOBILE HANDSANITIZER PRODUCTION UNIT AND DISPENSER

Tasked with designing a mobile production unit for hand sanitizer in order to reduce the transmission of Covid-19. Lead software developer for the project. Gained knowledge using stepper motors, IR sensors, and contactless fluid sensors. Arduino based project. Utilized 3D CAD (Catia, Inventor) to design the dispensing unit.

MUSIC UPLOAD AND LISTENING PLATFORM – TUNE UP

Created a free music sharing platform to allow underprivileged musicians to share their music with the world. Developed skills in java programming, GUI design, database creation, API implementation, waterfall design process and software testing. Similar to Soundcloud or iTunes.

EXPERIENCE

JULY 2018 – PRESENT

MEDICAL ASSISTANT, US HEALTHCARE PC

Credited by doctors for quality of patient report writing and patient interactions. Managed and facilitated 10+ patients daily. Responsible for training of new employees.