

# Julian Carvalho

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## SCHOOL PROJECTS:

Calculator Project [CE1911, Digital Logic II] -

- [FinalReport\\_LogII](#)

Single Cycle Processor [CE1921, Computer Architecture] -

- Truth Table: [CE1921ControllerTT.xlsx](#)

Maze Game 8x8 [CPE2610, Embedded Systems] -

- Video Demo: [CPE2610\\_FINAL\\_DEMO.mp4](#)
- Pseudocode 1: [Pseudocode\\_1](#)
- Pseudocode 2: [Pseudocode\\_2](#)

# EXTRACURRICULAR PROJECTS:

Eagle Scout Project [05/2018 - 06/2019] -



Location: [Google Maps](#)

GE Python AI Database [08/2020 - 12/2020] -

- [Project Demonstration](#)

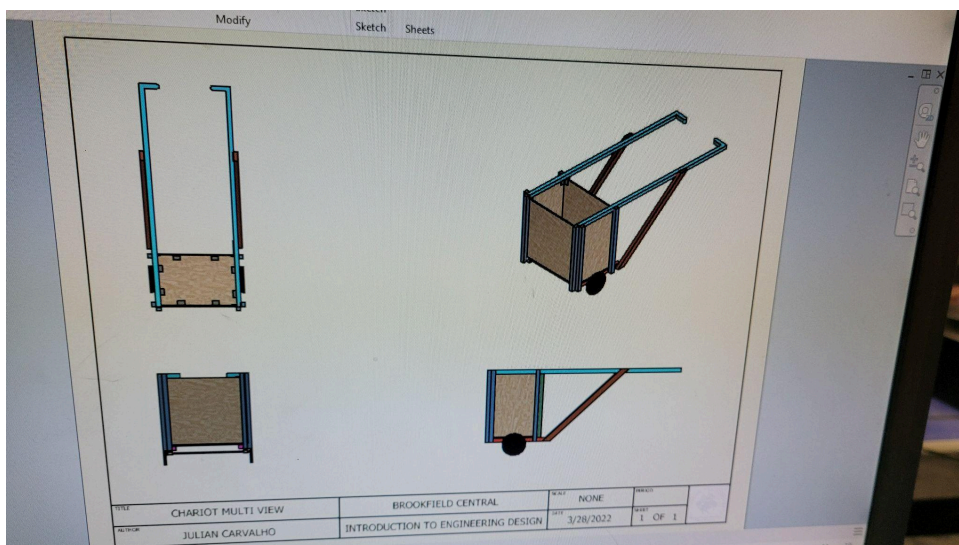
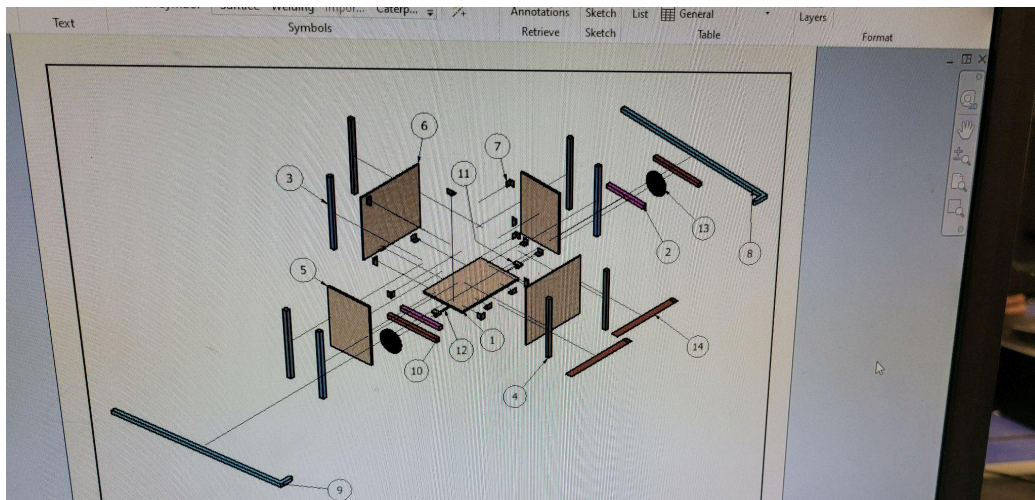
Milwaukee Tool Winter Project [01/2021 - 03/2021] -

- [Linkedin Post](#)

GE Healthcare Search Engine [04/2021 - 06/2021] -

- [Linkedin Post](#)

BCHS Latin Club Chariot Project [03/2022 - 06/2022] -



Lexington, MA Police Station Building [05/2023 - 08/2023, Internship] -

- <https://www.lexingtonma.gov/392/Police-Station-Building-Project>

Hingham, MA Public Safety Facility [12/2023 - 08/2024, Internship] -

- <https://www.hingham-ma.gov/886/Public-Safety-Facility-Building-Committee>

Wilkes Bashford Palo Alto, CA Renovations [05/2024 - 08/2024, Internship]

- <https://entireproductions.com/blog/wilkes-bashford-rebranding-html>

Newton/Cooper Center for Active Living [05/2024 - 08/2024, Internship] -

- [https://newcal.projects.nv5.com/?doing\\_wp\\_cron=1725219940.8659379482269287109375](https://newcal.projects.nv5.com/?doing_wp_cron=1725219940.8659379482269287109375)