Portfolio

## Hexle - Wordle Variant (Typescript, React, CSS)
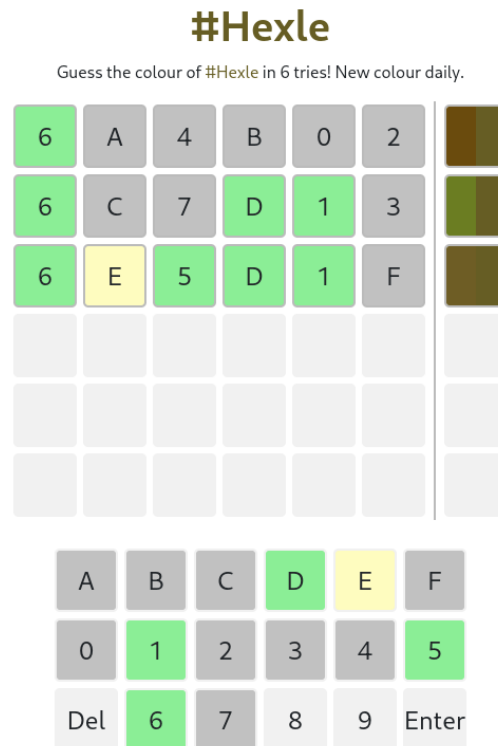
- Try the guessing game out at frankljin.github.io/hexle!

Midnight Sun Driver Dashboard (Flutter)

- Display used as dashboard for Midnight Sun's Solar Car during an international solar car competition.
- Shows a subtle animation to alert driver when recommended speed changes.
- Used gradients effectively to improve UI and meet design specifications.

Waterloo Engineering Competition 2020 - Programming Division (Python)
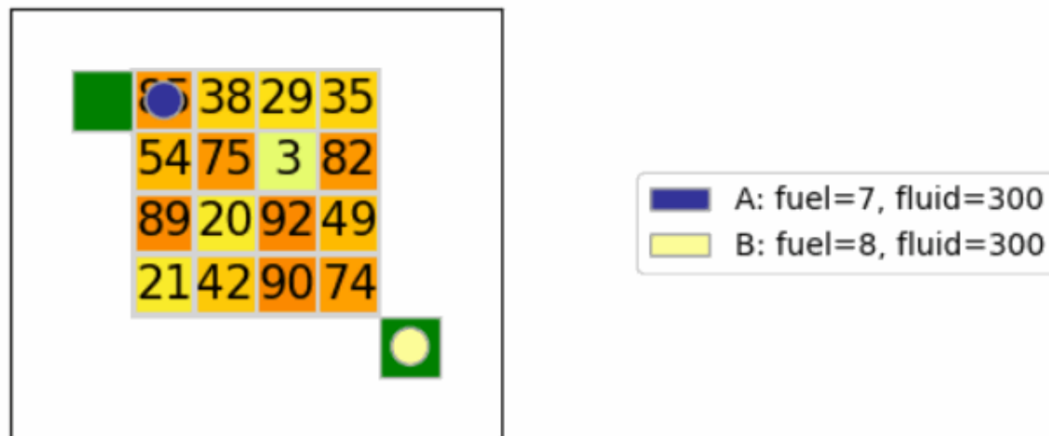
- Solved programming optimization problem with team, involving giving directions to cleaning robots.
- Carefully considered and developed algorithm to choose robot starting locations (green tiles).
- Maximized competition score by maximizing tiles cleaned, minimizing fuel, fluid, and number of robots used.

Spotify-Track (TypeScript, MongoDB)

- Created Node script to track friend listening history into MongoDB since Spotify does not officially support an API for friend listening activity.