Kyle Zheng

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Education

Purdue University, West Lafayette May 2023
- ◇ Bachelor of Science in Computer Science

Experience

Purdue Cognitive Learning Lab - Software Developer May 2020 - Present
- ◇ Collaborate with researchers to develop browser based experiments
- ◇ Documenting and maintaining mature full stack applications
- ◇ Using Javascript frameworks such as React, jQuery, jsPsych

Projects

Purdue Buildings - Indoor navigation web app
- ◇ 1st place at Purdue's Hello World Hackathon
- ◇ Pathfinding using node representation of floorplans (Javascript)

Movielo - Elo rating based movie ranking web app
- ◇ React and Material UI frontend
- ◇ Realtime adding and voting on movies with Google Cloud (Firestore, Functions)

The Grapevine - Decentralized messaging app
- ◇ Mobile Android app (Java, Kotlin)
- ◇ Using Bluetooth LE for proximity-based message propagation

Rocket Run - Space themed endless runner game
- ◇ Mobile app in Unity Engine (C#)
- ◇ Custom graphics (Inkscape) and 3d models/animation (Blender)

Activities

- ◇ **KGG** - Inclusive gaming community
  - ○ Founding member and web developer