# ETHAN CHEN

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#### **SUMMARY**

Looking for a software position to gain experience in the workforce.

### **EDUCATION**

B.S. UC San Diego, Mathematic-Computer Science

Aug, 2019 - Present

**GPA:** 3.529

### **SKILLS**

Languages Java, C++, JavaScript, HTML&CSS

**Source Control** Git

Other MySQL, Node.js, React

## **PROJECTS**

Portfolio (contains all projects listed below): https://etc3333.github.io/Portfolio/

### **Movement Memory Game**

Code: https://github.com/etc3333/movement-memory-game Demo: https://etc3333.github.io/movement-memory-game/

- Runs memory game at 60 FPS. Contains level and lives counting and easy game reset with <u>animations</u>. Designed to move objects then freeze objects and then the user will attempt to click on predesignated objects.
- React, Framer Motion

#### **Number Facts API**

Code: https://github.com/etc3333/number-facts-api Demo: https://etc3333.github.io/number-facts-api/

- Utilizes a <u>REST API</u> architecture to use GET requests to pull from Numbers API from RapidAPI. Can <u>save retrieved facts</u> to local storage with multi-selection deletion available. Multiple number facts subjects also available.
- React, React Router

# **Specific Password Generator**

Code: https://github.com/etc3333/specific-password-generator Demo: https://etc3333.github.io/specific-password-generator/

- Makes a password given several characteristics available for example length, uppercase... etc. Shuffle ability for password generated is available.
- React

### **Group Photo Collection** (in progress)

Code: https://github.com/etc3333/collection

- Firebase works as <u>backend</u> for <u>account databases and storage</u>. Users can create and add members to groups in which they can share/access photos of a given group. Designed as photo storage for groups of people to easily combine photo collections.
- React, Material UI, Firebase, React Router