

# ETHAN CHEN

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## SUMMARY

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

## EDUCATION

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

Aug, 2019 - Present

**GPA:** 3.529

**Courses:** OOP in Java, Advanced Data Structures, Graph Theory, Combinatorics

## SKILLS

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

**Source Control** Git

## PROJECTS

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**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 animations. 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 REST API architecture to use GET requests to pull from Numbers API from RapidAPI. Can save retrieved facts 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 backend for account databases and storage. 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