

## **Justin Hsu**

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### **EDUCATION:**

**Carnegie Mellon University**, Pittsburgh PA

Bachelor of Science in Computer Science, May 2023

GPA: 3.55/4.00

**Carlmont High School**, Belmont, CA

Diploma, June 2019

GPA: 3.83/4.00

### **COURSEWORK:**

Concepts in Mathematics, Principles in Imperative Programming, Matrices and Linear Transformations, Astrophysics

### **PROJECT:**

cOvm(CS Project) 2019

- Implementing a virtual machine to translate bytecode in C

PageRank(Matrix Project) 2019

- Using Markov Chain Theory to rank the most popular webpages in Julia

Mario Maker-esque Game 2018

- Simulating the graphics and physics associated with MarioMaker using Java GUI

### **Experience:**

San Carlos Youth Advisory Council (2016-2019)

Awesome Math Camp (2017)

Volunteer Math Tutor for Elementary School Kids (June 2015 - July 2015)

### **Technical Skills:**

C, Java, Python

### **Activities:**

CMU Varsity Cross Country (2019 - present)

Varsity High School Track & Field (2017 - 2019)

Varsity High School Cross Country (2016 - 2018)

Computer Science Club (2016 - 2019)

Chess Club (2015 - 2019)

### **HONORS:**

Bruce Usher Memorial Scholarship 2019

- Awarded based on Math and Athletics

CCS Scholar-Athlete Scholarship 2019

San Carlos Kiwanis Outstanding Achievement Scholarship 2019