

Samantha Fan

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EDUCATION

University of Southern California, Los Angeles, CA August 2020-May 2024

Bachelor of Science in Computer Science

- GPA: 3.93
- Relevant Coursework: Calculus III, Introduction to Programming (C++), Discrete Methods in Computer Science
 - In Progress: Linear Algebra and Linear Differential Equations, Data Structures and Object Oriented Design (C++), Web Publishing
- Presidential Scholar, Dean's List (Fall 2020)

Libertyville High School, Libertyville, IL

August 2016-May 2020

High School Diploma

- GPA: 4.68
- National Honor Society, National Merit Finalist, AP Scholar with Distinction

WORK EXPERIENCE

Code Ninjas, Libertyville, IL

August 2019-August 2020

Code Instructor

- Guided students aged 7+ through their coding projects
- Taught primarily in JavaScript
- Led facility tours for prospective students
- Worked with 2 other team members to manage 20-25 students per shift

Kumon Math and Reading, Mundelein, IL

December 2018-August 2019

Center Assistant

- Developed fundamental reading and counting skills in preschool/early elementary children
- Tutored students on elementary and middle school level math and reading topics
- Graded students' in-class and weekly homework assignments
- Worked with 5-8 students per shift

SKILLS

Technical Skills:

- C++, Python, JavaScript, Java, CSS, HTML
- Microsoft Office Suite, Google Workspace, Git

Languages:

- Mandarin

LEADERSHIP AND INVOLVEMENT

Libertyville High School Math Team

August 2016-May 2020

- Calculator team leader (2020)
 - Organized and lead weekly practices with 5 other members
 - Coached team members on how to efficiently use their calculators
- ICTM Certificate of Achievement (2019)

Libertyville High School Coding Cats

September 2018-May 2020

- Attended Procom 5.0, an annual Chicagoland programming competition (March 2020)