

# Samantha Fan

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## EDUCATION

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

*Bachelor of Science in Computer Science*

- GPA: 3.93
- Relevant Coursework: Calculus III, Discrete Methods in Computer Science, 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

## SKILLS

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Technical Skills:

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

Languages:

- Mandarin

## WORK EXPERIENCE

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iDTech, Remote

May 2021-Present

*Virtual Tech Camp Instructor*

- Teach week-long tech camps for pre-college students in groups of four students, on average
- Deliver courses in C++, Java, JavaScript, and Unity
- Prepare teaching materials and curriculum outside of class-time
- Meet with team leaders biweekly to discuss student progress and trends

Code Ninjas, Libertyville, IL

August 2019-August 2020

*Code Instructor*

- Guided students aged 7+ through 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

## INVOLVEMENT

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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)