

# Suzanne Nie

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## EDUCATION

**Carnegie Mellon University** Pittsburgh, PA May 2023

B.S. in Statistics and Machine Learning

GPA: 4.00, Dean's List with High Honors

Relevant Coursework: Intro to Computer Systems, Principles of Imperative Computation, Intro Physical Computing, Matrices/Linear Transformations, Methods stats/data science  
In Progress: Principles of Functional Programming, Great Ideas of Theoretical Comp Sci, Intro to Probability Theory, Interaction Design Overview

**Carlmont High School** Belmont, CA August 2015 - June 2019

Weighted GPA: 4.53 (4.0 unweighted)

## WORK EXPERIENCE

**Computer Science Intern — Orbex Labs** May 2020 - August 2020

- Developed Project Echo: a platform at the intersection of telephony, messaging, and CRM to facilitate customer calls and information, transcribe meetings and filter details, and allow clients to access results of completed meetings (full stack web development)
- Planned daily SCRUM and software sprints, held weekly presentations on project progress
- Domain run using Google Compute Engine
- APIs used: socket.io, WebRTC, GCP (Storage, Speech-to-Text, Logging)

**Tutor — GoPeer Tutoring** March 2020 - Present

- Tutored students grades K-12 online in math, calculus, and french
- Maintained 5 stars (25+ ratings) & 90+% of sessions with known clients

## PROJECTS

### Automated Soundboard

- Implemented a Python app that plays, records, adds effects to, and generates beats from inputted .wav files
- Used libraries including numpy, pyaudio, threading, audioop, sox

**Data Science for Social Good** - Data Visualization and User Experience with the Department of the Interior

- Participated in individual and collaborative user testing
- Designed & delivered notes on new visualizations based on our insights

## SKILLS

### Programming

Python  
Java  
C  
Standard ML  
JavaScript, HTML/CSS

### Technologies

Git version control  
Experience working in  
Unix environment

### Languages

French (Proficient)  
Chinese (spoken at  
home)

## ACTIVITIES

CMU Club Badminton  
Team (Member)

Student Dormitory Council  
Buggy (Head Driver, club  
officer)

## AWARDS

National AP Scholar  
Award (2019)

National French Contest:  
Platinum (2018)

Seal of Biliteracy (2019)

National Merit Letter of  
Commendation (2019)

Key Club 50 Service  
Award (2018)

*References available  
upon request*