

Suzanne Nie

suzannen@andrew.cmu.edu | (650) 430-3831 | <https://suzannenie.github.io/>

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 2016 - 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*