

Suzanne Nie

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EDUCATION

Carnegie Mellon University Pittsburgh, PA Expected May 2023

B.S. in Statistics and Machine Learning

GPA: 3.94/4.00

Relevant Coursework: Computer Systems, Imperative Computation, Physical Computing, Matrices/Linear Transformations, Functional Programming, Theoretical Comp Sci, Probability Theory, Interaction Design

In Progress: Machine Learning, AI, Statistical Computation, Statistical Inference

Carlmont High School Belmont, CA August 2015 - June 2019

Weighted GPA: 4.53/4

WORK EXPERIENCE

Research Assistant — Carnegie Mellon University Nov 2020 - Present

- Undergraduate research assistant in the Cognitive Axon Laboratory

Teaching Assistant — Carnegie Mellon University Feb 2021 - Present

- TA for 36-202: Methods of Statistics & Data Science

Computer Science Intern — Orbex Labs May 2020 - August 2020

- Full stack web development of Project Echo: a platform at the intersection of telephony, messaging, and CRM
- Planned daily SCRUM and software sprints, held weekly presentations on project progress
- Domain run using Google Compute Engine
- Used APIs: 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 Dec 2019

- 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 — Oct 2019 - Apr 2020

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

C

Standard ML

Java

HTML/CSS

JavaScript

Technologies

Git version control

Experience working in
Unix environment

Languages

French (Proficient)

Chinese (spoken at home)

ACTIVITIES

CMU Data Science Club

CMU Club Badminton
Team (Member)

Student Dormitory Council
Buggy (Head Driver, club
officer)

AWARDS

Dean's List with High
Honors (2020)

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)