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, 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

WORK EXPERIENCE

Research Assistant — Carnegie Mellon University Nov 2020 - Present
- Undergraduate research assistant in the Cognitive Axon Laboratory

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
- 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   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

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)