

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

CMU Cognitive Axon Lab — Research Assistant Jan 2021 - Present

- Analyse fMRI data to examine how CBGT loops respond to forms of statistical uncertainty and their link to latent decision parameters

CMU — Teaching Assistant Feb 2021 - Present

- Methods of Statistics & Data Science (regression, ANOVA, logistic, ML)
- Lead and prep for weekly labs, answer student questions, grading

Orbex Labs — Software Development Intern May - 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
- Domain run using Google Compute Engine
- Used APIs: socket.io, WebRTC, GCP (Storage, Speech-to-Text, Logging)

PROJECTS

FindtheBern Jan 2021

- Won Hacker's Choice [Runner Up] at HackUCI 2021 (338 participants)
- Built with flask, websockets, python, js, heroku

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/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

R

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 (2019, 2020)

National AP Scholar Award (2019)

National French Contest: Platinum (2018)

Seal of Biliteracy (2019)

Key Club 50 Service Award (2018)