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

A Back End Developer   Feb 2021
- Won 3rd Place Overall, Best Hardware Hack, + Punniest Project Name at Pearl Hacks 2021 (over 580 participants)
- Built with tensorflow, p5.js, chrome extension, javascript

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

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)

- Used libraries including numpy, pyaudio, threading, audioop, sox