Lauren Zhu

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EDUCATION

Stanford University   GPA: **3.80**

- B.S. in Computer Science— Artificial Intelligence   June 2020
- M.S. in Computer Science— Artificial Intelligence   June 2021
- Skills—Python, Java, C++, C, SQL, Tensorflow, Pytorch

EXPERIENCE

Apple SPG (Special Projects Group)   Virtually from home :)
Machine Learning Intern   June - September 2020

- Deep Learning—data sampling to improve performance on state-of-the-art stack
- Collaborated with core engineering team on several PRs
- Refactored and improved evaluation pipelines to increase compute + dev efficiency

Ford Greenfield Labs   Palo Alto
Machine Learning Intern   June - September 2019

- Built Deep Bidirectional LSTM using autonomous vehicle sensor data for cybersecurity
- 11.5% increase in mAP from baseline deep NN
- Bonus: Won hackathon with live road quality monitoring/mapping network

The University of Edinburgh   Scotland
NLP: Neural Machine Translation Researcher under Prof. Rico Sennrich   June - August 2018

- Zero-shot neural machine translation in Tensorflow
- Built GAN to universalize language representations during training

Qualcomm   San Diego, CA
Software Engineering Intern   June - September 2017

- Computer Vision and Deep Learning for gun detection on Android platform

Exciting Coding Projects

- VacAItionary: AI Travel Itinerary Planning → potential venture
- Extending Question Answering for Deep Bi-directional Transformers (BERT)
- Recolorization of black and white images using CNNs

PERSONAL ACHIEVEMENTS

Co-President of Stanford Women in Computer Science (WiCS)

Stanford Jump Rope Team: Performer; Publicity Officer

Landscape Photography: Published two books with personal photography and writing

Piano (12 years): Final Winner — 2015 United States International Duo Piano Competition