# Lauren Zhu

laurenz@stanford.edu | 858-380-9511 | linkedin.com/in/laurenzhu
531 Lasuen Mall. P.O. Box 12663, Stanford, CA 94305

## 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, React Native

## EXPERIENCE

### Apple (Special Projects Group)                                        Cupertino
*Incoming Machine Learning Intern*                          June - September 2020

### 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 road quality monitoring/mapping—in patent process

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

- Zero-shot machine translation in Tensorflow using Nematus translation system
- Designed a discriminator that utilizes an adversarial objective function 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
- Achieved 72.6 mAP on gun class and 77.4 mAP on six classes in same model

### 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
- Implemented a terminal shell and a networking proxy in C++ (Systems)

## 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