# Nicole Ly

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## Education

**University of California, Irvine**                                    Expected Graduation: June 2026
Bachelor of Science in Computer Science
- GPA 3.6/4.0
- Relevant Coursework: Python for Data Science and Machine Learning, Boolean Logic and Discrete Structures, Methods of Discrete Math

## Skills

Languages: Python, C++, HTML, CSS, Bootstrap
Libraries: TensorFlow, Numpys, Pandas, Keras

## Projects

Personal Site
Languages and Tools utilized: HTML, CSS, Bootstrap

Procrastination Chatbot
Languages and Tools utilized: Python, Tensorflow, Keras, Numpy
- Developed a chatbot leveraging LSTM networks, Tensorflow, and NLP techniques such as tokenization to assist students in tackling procrastination
- Preprocessed a dataset from Reddit discussions and posts within student procrastination-related subreddits
- Trained a neural network on this dataset to understand user inputs and generate appropriate responses based on conversation tags

## Work Experience

iFocus Learning Center                    August 2021 - September 2022; July 2023 - September 2023
Tutor
- Coordinated and instructed a classroom of 12+ students daily in various subjects including Math, English, and writing
- Applied problem solving, time management and leadership skills to ensure that students have their homework graded and classwork prepared by the time they come to class

## Additional

Journalist for Show Me A Healthy State - Conducted and arranged meetings with a team of journalists to advocate against healthcare disparities, 2023
Participant in UCI Web Reg Hackathon - Designed and prototyped a reworked school registration website using Figma based on surveyed data from other UCI students