

Nicole Ly

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Education

University of California, Irvine

Expected Graduation: June 2026

B.S. of Computer Science (In progress)

- ❖ GPA 3.6/4.0
- ❖ Relevant Coursework: Introduction to Probability and Statistics for Computer Science, Python for Data Science and Machine Learning, Programming in C++, Boolean Logic and Discrete Structures, Methods of Discrete Math

Work Experience

iFocus

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
- ❖ Developed personalized educational strategies and accommodations for special ed students
- ❖ Created engaging and interactive lesson plans that incorporated games, quizzes, and hands-on-activities

Projects

Procrastination Chatbot

August 2023 - Present

<https://github.com/Nicolely334/Procrasination-Chatbot>

- ❖ Developed a chatbot using TensorFlow to assist students in tackling procrastination
- ❖ Gathered and prepared a dataset from Reddit discussions and posts within student procrastination-related subreddits
- ❖ Trained a deep learning model on this dataset to understand user inputs and generate appropriate responses based on conversation tags

Technical Expertise

Languages: Python, C++, HTML, CSS, SQL

Libraries: TensorFlow, Numpys, Pandas, Keras

Developer Tools: GitHub, Visual Studio Code, PyCharm, Jupyter Notebook, Figma

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