# Cecile Sagehen

## PERSONAL STATEMENT

A dedicated, passionate, and energetic Sagehen looking to advance the field of machine learning and work on a fast-paced, energetic team.

## EDUCATION

### Pomona College, Claremont CA

Bachelor of Arts, Computer Science May 2022

## EXPERIENCE

### Fake Position 1, Fake Company 1 Start1 – End1

Designed and implemented system for automatic hyperparameter tuning using Ray and Docker.

* Researched competitor products and planned around team needs to create prototype plan
* Created parallelized tuning script and deployed on internal server; created CNN model for image classification with which to test
* Deployed automatic system proof-of-concept using Docker; wrote documentation for transition to multiple servers
* Presented and encouraged adoption to San Francisco and Austin teams

### Fake Position 2, Fake Company 2 Start2 – End2

Worked back of house for large restaurant serving 200+ patrons per day.

* Cooked, cleaned, and performed other tasks as necessary
* Managed inventory and prepped for catering orders

### Fake Position 3, Fake Company 3 Start 3 – End3

Assisting in creation of Deep Learning empowered environment traversal bot.

* Designed and created pre-trained fully-connected model for quadrupedal bot
* Worked extensively with numpy, pandas to analyze data and tune model

### Fake Position 4, Fake Company 4 Start 4 – End 4

Provide mentorship and support for 30+ students in higher-level Neural Networks course.

* Assist and troubleshoot final projects and assignments using techniques from: CNN, RNN, Hyperparameter Tuning, Optimization, and Transfer Learning

## PROJECTS

### Project 1

* Created model to detect seatbelt usage in vehicles. Achieved 80% accuracy on handmade data set.

### Project 2

* Utilized Discord API and Selenium to create resource for tabletop games including: web-scraping, dice rolling, and personal database management.

### Project 3

* Used React and MongoDB to create application that assists in finding study groups.

## LEADERSHIP

### Fake Position 4, Fake Club 1 Start 4 – End 4

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## SKILLS

### Languages:

Python, React.js, Java, C, Rust, Javascript, SQL, Emacs, GIMP, Haskell, Microsoft Word, PHP, Pico, Angular

### Experienced:

Swift, Linux, SQLite, Docker, Tmux, Deep Learning Models, Discord API, Unreal Engine, Julia, PostgreSQL, Scala, Stata, TypeScript

### Learning:

C++, MySQL, React, Bash, COMPASS