



NEEL REDKAR

Aspiring Data Scientist

PROFILE

Skilled full stack developer with 5+ years of experience, and 2+ years of experience with data analysis and artificial intelligence. Recognized for hard working ethic, love for learning and adaptability. Also proven on multiple occasions to raise money for events and help gather sponsorships.

CONTACT

PHONE:
1 (925)-448-5457

WEBSITE:
<https://neelr.dev>

GITHUB:
<https://github.com/neelr>

EMAIL:
neel.redkar@outlook.com

HOBBIES

Learning new skills and technologies
Organizing Hackathons
Origami
Listening to Music
Boy Scouts
Debate

LANGUAGES

Python: Keras, TensorFlow, Flask
Node.js: React/React Native, Next.js,
MongoDB, Express, Electron
Bash, C, C++, Java, SQL, HTML/CSS

EDUCATION

Diablo Valley College

2018 - Current

4.0 GPA - Intro to Computer Science; Programming with Java (Equivalent of AP COMPSCI); Algebra 2; Trigonometry; Chemistry

Dougherty Valley High School

2019 - 2023

WORK EXPERIENCE/ CONFERENCES

AngelHacks - Organizer Director of Technology

2019-2019

Successfully organized a hackathon in Los Angeles to help computer science education, raising over \$15,000 total with 130+ participants.

<https://angelhacks.org>

DVHacks II - Logistics Team

2019-2020

I organized the logistics of this hackathon and helped obtain sponsorships. Overall it was a great success with 220+ signups and many great sponsors!

<https://dvhacks.tech>

Hack the Fog - Technology Team

2019-2020

The first high school hackathon to ever happen in San Francisco with 70+ attendees helping increase the amount of tech education inside of San Francisco. <https://hackthefog.com>

Hack the New Year - Director of Technology

2019-2020

Successfully organized a hackathon in Ohio to help building the website and designing workshops total of 30+ participants. <https://hacknewyear.com>

Google Next 19

2019-2019

Google offered me a free pass to Next19, which was an amazing experience! At Next19 I learned a ton about Google Cloud and their new technologies, including AutoML, one of the coolest things I saw. I also attended many workshops, learning about cloud innovations and DevOps that help me with cloud processing!

PROJECTS/AWARDS

Smart Recycle

This is an app that uses machine learning and image recognition to help people sort their recycling between trash, recycling, and compost. This project is on the App Store and won 1st place in the community and 2nd place in the California Science Fair.

<https://github.com/neelr/SmartRecycle>

Earthquake Prediction Using AI

This is a science fair project where I used a neural network to try to predict whether an earthquake would happen, using seismic data 24 hours before the earthquake. This was very informative as I got to use libraries such as Keras and Numpy. I also learned how much energy goes into gathering data, as there was no prebuilt dataset for this project. <https://github.com/neelr/EarthquakePrediction>

Ghym

Ghym was a hackathon project made at HackMerced, a college hackathon. Ghym is a P2P Cloupy Computing network, where nodes on the network are able to send jobs to one another, unlike normal cluster's today. This allows for people to put their old computers to use, so that students and ai learners, can have a network where they can train their neural networks fast and efficiently! This ended up winning 1st place in the Moonshot category, also winning the best usage of MongoDB. <https://github.com/neelr/ghym>

HabitBot

Habitbot is an app that uses natural language processing, to create a chat application where students can chat to a bot which tries to help them stop their addiction. It can tell whether or not the test given indicates if they are improving, and accurately gives them advice on how to stop. This was an application of AI to help our schools, because many high schoolers end up getting addicted to drugs throughout their learning career. We won 3rd in the Congressional App Challenge in our district.

<https://github.com/neelr/HabitBot>