

YASH LAMBA

Software Developer

✉ yashlamba2000@gmail.com

☎ +919953977616

📍 Delhi, India

🌐 yashlamba.com

🌐 linkedin.com/in/yl1

🐱 github.com/yashlamba

EXPERIENCE

Mentor - Google Summer of Code'20

Python Software Foundation, Remote

📅 APRIL 2020 - PRESENT

- Mentoring student developers for Intel's [DFFML](#) project.
- Projects involve adding [NLP](#) and [Computer Vision](#) support to DFFML.
- Actively involved in brainstorming, planning, and code reviewing.

Project Administrator - Girlsript Summer of Code'20

Girlsript Foundation, Remote

📅 MARCH 2020 - MAY 2020

- Personal project [Simulate](#) selected for open source program GSSoC.
- Mentored 70+ students on Flutter, Dart and Open source.
- Helped beginners with initial contributions and code reviews.

Student Developer - Google Summer of Code'19

Python Software Foundation, Remote

📅 MAY 2019 - AUGUST 2019

- [Contributed](#) to Intel's [DFFML](#) (Dataflow Facilitator for Machine Learning) project.
- Added machine learning models from scratch.
- Wrapped models from scikit learn and implemented dynamic config definition.

Research and Development Intern

Addmath Research Centre Pvt. Ltd., Delhi, India

📅 DECEMBER 2018 - FEBRUARY 2019

- Assisted in teaching school children mathematics in an interactive way.
- Based on teaching experience, built tools and software to assist teaching.

PROJECTS

Simulate

Flutter and Dart

🌐 yashlamba.com/simulate

🐱 github.com/cod-ed/simulate

- Collection of simulations and visualizations in a cross platform app based on Flutter
- Includes various interesting mathematical and algorithmic visualizations with informative and beautiful animations.
- Support for Android, iOS and Web.
- Selected for Girlsript Summer of Code (Girlsript Foundation), NJack Winter of Code (IIT Patna) open source programs.

Road Fighter AI

Python, Artificial Intelligence, Neuroevolution, Deep Learning

🌐 yashlamba.com/RoadFighterAI

🐱 github.com/yashlamba/RoadFighterAI

- Remade popular NES game Road Fighter using pygame.
- Created AI agents using multiple reinforcement learning techniques like Deep Q learning and NEAT.

EDUCATION

Cluster Innovation Centre, University of Delhi

Bachelor's of Technology in Information Technology
and Mathematical Innovations (Minor: Systems Biology)

📅 2018 - 2022 (Expected)

Score: 78.37% (Upto Semester III)

Prabhu Dayal Public School

High School - PCM with Computer Science

📅 GRADUATED MAY 2018

Class X: 10.0 CGPA

Class XII: 89.8%

SKILLS

• **Programming Languages:** Python, C++, C, Javascript, Shell, Dart.

• **Frameworks and Libraries:** Tensorflow, Pytorch, Flutter, React, Scikit.

• **Interests:** Machine Learning, Object Oriented Programming, Computer Vision, Cross Platform Development, Education and Teaching.

ACHIEVEMENTS

- 1st runner up, Smart India Hackathon 2019; Worked on a problem statement regarding GDPR rules in travel sites by Amadeus Software Labs.
- Received scholarship from Udacity-KPIT for completing term-1 of Self Driving Car Nanodegree.
- Selected as Google Code In'19 mentor for Tensorflow.

Miscellaneous (Course and Mini projects)

Varied stacks

- Python GUI Development: Developed few mini simulations and games using Python tkinter.
- BoxIt: Multiplayer dot connecting game made using Flutter and Firebase.
- COVID-19 Time Series Analysis with Deep Learning: Implemented multiple time series predicting deep learning architectures for COVID-19 analysis.
- Web Scraping: Wrote multiple web scrapers to scrape college results and Google Summer of Code organisation information for personal use.
- DFFML SCIKIT: Authored the [dffml scikit plugin](#) under GSoC'19 along with [other contributions](#).