

EDUCATION

STANFORD UNIVERSITY
BS IN COMPUTER SCIENCE
MINOR IN THEATRE
Expected – June 2022

OAKRIDGE INTERNATIONAL
Grad. May 2018 | Hyderabad, India

COURSEWORK

Machine Learning
Natural Language Processing
Computer Vision
Computer Systems
Big Data - Tools and Techniques
Computer Graphics
Android App Development
Web Development

SKILLS

PROGRAMMING

Over 5000 lines:
Java • C++ • Python
HTML • Javascript
Over 1000 lines:
C • MySQL • CSS
Familiar:
Kotlin • Julia • Django

DESIGN

Adobe xD • Figma • Wireframing
Prototyping • User Interviewing

ACTIVITIES

- Stanford Women's Varsity Squash
- President, Asha Stanford

ACHIEVEMENTS

- Winner, Stanford BASES Case Competition 2020
- CSA Scholar Athlete 2020-21
- Emerson Fellow 2019-20 – Public Service Fellowship at Stanford
- One of the only Indians to win the Nationals in two sports – Squash and Swimming

EXPERIENCE

GOOGLE | INCOMING SOFTWARE ENGINEER INTERN

Jun 2021 - Sep 2021

- Building an Angular Web App to improve monitoring and visualization of Google's internal kernel performance tool to catch performance regressions.

DRONA TECH | TECHNICAL HEAD AND DEVELOPER

Jul 2020 - Present

- Developing a cross platform application using MERN stack to introduce constant feedback loops between teachers and students in Indian schools.

PRATHAM EDUCATION | MACHINE LEARNING INTERN

Nov 2020 - Mar 2021

- Developed a knowledge graph to extract educational concepts for Indian School syllabi and use it to create recommender system for relevant material.

GOOGLE | SOFTWARE ENGINEER INTERN

June 2020 - July 2020

- Worked in Google Search team, in Java, to make Google's Translation API compatible with Okapi framework for translating documentation and software
- Adds asynchronous batch requests, glossaries and Google's AutoML model.

TENOVIA | SOFTWARE ENGINEER INTERN

July 2019 – Sep 2019 | Bangalore, India

- Substantially modernized company's MIS using Python, RESTful APIs, and AWS.
- Automated data ETL for insight generation: reshaped client services, freed up > 20 employee hrs/week.

KONEXIO | FULL STACK DEVELOPER

Nov 2018 – Apr 2019 | Palo Alto, CA

- Developed a mentor matching web app using MERN stack. Design using Figma.

RESEARCH

DESHPANDE FOUNDATION | RESEARCH ASSOCIATE

Jun 2019 – Jul 2019 | Hubli, India

Developed data analytics metrics and monitoring systems to evaluate the cost-effectiveness of Skill in Village education program influencing 1500+ students

STANFORD GRADUATE SCHOOL OF EDUCATION | RESEARCH ASSISTANT

Jan 2019 – Jun 2019 | Palo Alto, CA

Led data segmentation and analysis for research project - Improving Practise Together - for the Laboratory for Educational Assessment, Research and Innovation

PROJECTS

Apr 2020 - Present

Jul 2020 - Jan 2021

Sep 2019 - Dec 2019

Jun 2019 - Aug 2019

Smart Squash Ball Machine using Machine Vision and ML

Web Developer for South Asian Winter Camp

Using Arduino to visualize water shortage probability in India

Precision Water Management using ML @ Microsoft

[More info on all projects here](#)