Amita Gondi

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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
Programming Abstractions
Android App Development
Web Development

SKILLS

PROGRAMMING
Over 5000 lines:
Java • C++ • Python
HTML • CSS
Over 1000 lines:
C • MySQL • Javascript
Familiar:
Android • Julia • Django • Matlab
DESIGN
Adobe xD • Figma • Wireframing
Prototyping • User Interviewing

ACTIVITIES

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

ACHIEVEMENTS

- Winner, Stanford BASES Case Competition 2020
- Emerson Fellow 2019-20 – Public Service Fellowship at Stanford
- One of the only Indians to win the Nationals in two sports – 2x Squash, 3x Swimming

EXPERIENCE

PRATHAM EDUCATION | Machine Learning Intern
Nov 2020 - Present
- Developing a knowledge graph to extract educational concepts for Indian School syllabi and use it to create recommender system for relevant material.

CARTA | Backend Developer
Sep 2020 - Present
- Working on the Product Backend and Data Intake teams on Carta, Stanford's course-planning website and research project.

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
- Created a mentor matching web application to bridge digital divide by connecting students to mentors in area of interest using full stack.
- Built using the MERN stack: React.js and CSS3 for the front-end, Node.js, and MongoDB for the backend. Used Figma for initial design process.

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

Date	Project
Jul 2020 - Present	Computational Education in Tier 2 Indian Classrooms
Apr 2020 - Present	Smart Squash Ball Machine using Machine Vision and ML
Jul 2020 - Nov 2020	Web Developer for South Asian Winter Camp
Sep 2019 - Dec 2019	Using Arduino to visualize water shortage probability in India
Jun 2019 - Aug 2019	Precision Water Management using ML @ Microsoft

More info on all projects here