TANVI DESHPANDE

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PERSONAL PROFILE

Incoming freshman at Stanford University interested in the intersection of machine learning and social justice.

ACADEMICS

- Data Structures & Algorithms (A)
- AP Computer Science (A)
- Multivariable Calculus (A)
- Machine Learning (Coursera)
- 4.0/4.0 GPA

SKILLS

- Python, Java, C/C++, (NumPy, SciPy, Pandas, scikit-learn, Matplotlib), R, vim, Jupyter, Google Colab, GitHub,
- Machine learning: TensorFlow, Pytorch, Keras
- Social media, website, and logo design, (SAPP, Primeri)

EXPERIENCE

Hateful Memes Research
SEPT 2020 - DECEMBER 2021

- Worked with MIT graduate student to classify hateful memes with machine learning
- Published first-author paper in ACM International Conference on Multimodal Interaction (2021)

Internship at USC Networked Systems Lab
JUNE 2021 - AUG 2021

- Interned under Dr. Ramesh Govindan; worked on 3D machine learning for autonomous vehicles

KeepItFresh - Co-founder
SEPT 2020 - PRESENT

- AI-powered solution to commercial food waste
- Won $2,000 in Ashoka/GM Our Planet, Our Purpose challenge; Diamond Challenge semifinalist

Students Against Period Poverty - CMO/Co-founder
MAY 2020 - PRESENT

- Nonprofit ending menstrual poverty and stigma
- Raised $10k+, 46k menstrual products; 150+ volunteers

Stanford Mathematics Camp - Program II
JULY 2020 - AUG 2020

- 3-week immersion in algebraic topology (accepts ~20 students per year)

Euler Circle (Undergraduate-level mathematics)
APR 2020 - PRESENT

- Took courses + wrote papers on abstract algebra, algebraic geometry, complex analysis

Primeri - CEO/Co-founder
APR 2020 - PRESENT

- Free mathematics resources for K-12 students
- Ran AMC Bootcamp (35 attendees, $1500 revenue)
- 13k page views, 2.6k users since launch