

# Ved P Kale

UNDERGRADUATE

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## Work Experience

### Space Science and Engineering Center

PROGRAMMER AND QC

Madison, WI

Mar. 2019 - PRESENT

- Assisting the Satellite Data Services Team Leader with Weather Satellite Data Quality Control and Programming projects.
- Managing the website and completing system administration tasks.

## Education

### University Of Wisconsin Madison

B.S. IN COMPUTER SCIENCE

Madison, Wisconsin

Present - May, 2022

### Coppell High School

HIGH SCHOOL DIPLOMA

Coppell, Texas

2016 - June 2018

## Activities

### Wisconsin Robotics

MEMBER OF AI TEAM

Madison, Wisconsin

Present

- Implemented Computer Vision algorithms for the robot competing in University Rover Competition.

### Data Science Club

MEMBER

Madison, Wisconsin

Present

- Researched Data Science algorithms and techniques and their implementations.
- Specifically looked at Genetic ML models and NLP models.

### kaggle

COMPETITOR

2016 - Present

- Competed in competitions involving structured data, text and images.

## Certifications

2017 Machine Learning (Andrew NG)

Stanford University  
(Coursera)

2018 Deep Learning Specialization (Andrew NG)

Stanford University  
(Coursera)

## Projects & Programming

PROJECTS

### Tennis Ball Detector - Python, Tensorflow, Keras

Implemented YOLO model for detecting Tennis Balls

### Scrabble - Java

Implemented Scrabble with game AI for computer player

PROGRAMMING

**Languages** - Python, Java, C++, SQL, R, HTML, CSS, JavaScript

**Frameworks** - Jupyter, Keras, Tensorflow, Django, ReactJS

**Tools** - Git + GitHub, Slack