

CALIFORNIA STATE UNIVERSITY BAKERSFIELD

App Introduction

We created an app where barbers can easily advertise their business and attract clients. BarberRater is a cross-platform application available for the web, Android, and iOS. Clients can upload their picture and allow the app to run an algorithm to detect the users face shape and recommend an appropriate hairstyle.

Whether you are looking for the best barber in town, or want a hairstyle specifically designed for you, BarberRater got you covered!

Mediapipe Face Mesh



- Used to determine face shape
- 450+ vertexes Only 19 are needed

Common face shapes:

Heart	Square	Pear	Rectangle	Round	Oval	Dian

Team **Edgar - Flutter App Alonso - Django/Database Juan - Face Shape Algorithm**

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Let our Al choose your hairstyle!

Our app features an AI algorithm that can choose a hairstyle that best fits you!

- programming language.

- face shape.
- determined face shape.
- from the rest of the market.

The algorithm is a program built using the Python Trained with thousands of photos. Data was extracted from these photos. • The data is used to make prediction.

It was built using Mediapipe, a Python tool, as the backbone to process images and help in detecting

Once a face shape has been identified, the algorithm will tell our app the user's hairstyle that best suits the

Using this technology makes BarberRater different