Abhinav Lakhani

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OBJECTIVE

To seek a position in a well established organization that offers room for professional growth, as this provides ample opportunities to learn and use new trends in science & technologies in industries, while also providing the opportunity to exhibit skills and competencies in my profession for any business I work for.

EDUCATION

Degree	B. Tech Mechatronics
College/school	U. V. Patel College of Engineering (Kherva)
University	Ganpat University (Mehsana - Gujarat)
Passing Year	2019
Passing Percentage(out of 10)	6.42

PROJECTS

1. **Academic Project: Gesture Designated and Voice controlled Robotic Hand using Electro-Myograph Sensor.**

   U. V. P. C. E
   Aug 2018 - April 2019

   Worked in a 4 person team to develop an Amazon Alexa controlled desktop based application using python in Raspbian(Raspberry - pi). The application provides an interface to start/initialize the physical robot controlled by raspberry pi. I was responsible for designing the core architecture of the application using python and amazon alexa, as well as performing gesture recognition & 3D - depth image processing using Xbox 360 Kinect in Matlab via machine learning.

   - **Technology/Tools:** Python, Matlab, Solidworks, Amazon Alexa, Flask(Python), Raspberry-pi, ngrok
   - **Link :** https://youtu.be/Pii0wOFBJWE

TRAINING & INTERNSHIP

- **KALPTARU POWER TRANSMISSION Ltd.**   **Jun 18**

- **BOSCH REXROTH**   **Jun - July 18**

- **U.V.P.C.E. Ganpat University**   **Jun - July 18**