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Bhavy A. Shah

Contact Information

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Career Objective Robotics has been a fantasy world for me since childhood, and growing up with that in mind and later realizing of what it is truly capable of and heights upto which it can take our living globe, I have always tried to improve myself in making its further utilization and trying to enhance my knowledge to make it as much useful as it is possible for it in our life, so as to make my and all living around more worthy and thus keep on tring to innovate life of it.

Personal Info

D.O.B.: 28/04/1997
Father's Name: Ajaypal Shah
Mother's Name: Priya Shah
Sex: Male
Nationality: Indian

Education

| | |
|----------------|----------------------------------|
| Degree | B.tech (Mechatronics) |
| College | U.V.Patel College of Engineering |
| University | Ganpat University(Gujarat) |
| Passing Year | 2019 |
| GPA(out of 10) | 7.05 |

Training & Internships

- Uday Industries, Surendranagar, Gujarat (1.5 months)
- Bosch Rexroth Training Center, Ganpat University, Mehsana, Gujarat

Projects

1. Team UVPCE 5.0 — ABU Robocon 2017

Worked as *lead 3D modeller & Designer* in the teram of 20 members while working for the Nationals of International competition of ROBOCON 2017.

We designed and made a robot mechanism that was to work on the given theme by host country, to throw disks from a certain distance on flat surfaces at specific heights and distances and to have them land on the surface.

2. **Boeing Aeromodelling Competition 2018**

We were a team of four members that worked on making of a simplified jet plane design using material styrofoam and participated in this Event. In the team, all the *designing and some portion of fabrication* was carried out by myself. Unfortunately, due to electronics failure, we were unable to showcase it at the last moments in the main event.

3. **Team Armanoid — Gesture designated & Voice controlled robotic hand using myograph sensors (eyic-2019)**

We were a team of four members and we carried out this project for the our final year assessment as well as participated in the eyic-2019. Our team was national finalist for eyic-2019. My job in the team, *apart from being team leader, was designing & 3D modelling*. Also I had my subsidiary role in fabrication and basic electronics requirements.

More details regarding this project can be found in this video :<https://youtu.be/Pii0w0FBJWE>

4. **Amazon Alexa skills developer**

I am currently learning as well as working on building skills for amazon alexa.

Till date, I have made three skills which includes one quiz and two regarding quotes being relied by alexa. However, I am still in the initial stage in learning with amazon alexa and aws enviroment.

Achievements

- Team UVPCE secured 20th ranking in the ABU Robocon 2017 National competition among 112 teams
- Team Armanoid was national finalists for the eyic-2019 competition and ranked among top 21 teams from 362 teams

Technical Skills

- **Programming Languages:** C, C++, Python, Arduino Programming
- **Softwares skills:** Solidworks (*CSWA Certified*), Multisim Circuit designing
- **Mechanical Designing:** Robotics Parameter calculations, Electromechanical Systems design & calculations, Algorithm designing
- **Other:** Soldering & Circuit assembling, Fabrication & Assembling mechanical products, producing basic mechanical components, Technical problem solving

Extra-curricular Activities

- Member– Robocon Club (2016-17)
- Member– Aeromodelling Club (2017-18)
- E-YIC (2018-19)
- Shodh Innovative Idea Participant (2018-2019)
- Amazon Alexa Developer

Research Publications

1. None

Soft Skills

1. Leadership
2. Team-work
3. Analytical thinking & Problem solving
4. Time management
5. Great verbal skills & Convincing power
6. Hardworking
7. Insomniac working
8. Punctual & Dedicated

9. Great grasping power

**Co-curricular
Activities**

1. 200m Sprinting
2. Sketching
3. Playing Table tennis
4. Writing

References

Available upon request.

Declaration

I hereby accept that all the above Information is verified by me & supporting proofs can be produced on demand if required.

Date

17th April, 2019