

Jaydeep Borkar

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EDUCATION

University of Pune, India

June 2016 - Present

Bachelor of Engineering in Computer Engineering

EXPERIENCE

Empowerange

Ongoing

- Developed a platform to aggregate 100+ NGOs in the city. Built a Django powered website.
- Applied Machine Learning algorithms on the country development parameters data to predict the future values to motivate 6.7 million citizens in Pune to contribute to the NGOs.

MakerGhat

Jan 2019 - Present

- Developing educational tools for students from underserved communities with a PhD student from Stanford University. Conducted a research survey in a rural school in a village to understand the problems faced by the students.
- Designing Natural Language Processing based interactive solutions to help the students from underserved schools understand and speak English.

Google Assistant Actions Developer

Nov 2018 - Present

Built two actions for Google Assistant. [Talk to My Solar System](#) (Rating 4.7) and a virtual assistant for Google Developer Group Pune – [Talk to GDG Pune](#) (Rating 5.0), available on over 500 million devices currently.

Google Developer Group Pune

Sept 2018 - Present

Community member of Google Developer Group Pune and Women Techmakers Pune. • Assisted in organizing Google Developer Pune DevFest 2018 (second largest DevFest in India).

Software Engineering Intern, Frugal Testing, Hyderabad, India

Summer 2018

Assisted in building a proxy recorder technology to easily record and create JMeter test scenarios for web app without needing to install any additional software on computer.

PROJECTS

Air Pollution Forecast App

Dec 2018

Predicted a week-long AQI (Air Quality Index) forecast for Delhi, Bangalore, and Mumbai, to help citizens with serious health problems by giving an idea when to avoid going out. Displayed necessary measures for citizens to reduce air pollution - [Project link](#)

Project Typometer, IIT Kharagpur, Kharagpur Open Source Society

Dec 2017

Built a cross platform application built on QT for measuring typing speed with error detection, error count, time taken, words per minute, and inclusion of default text. Explored open source tools like GitHub - [Project link](#)

Project Smart Car Parking, [PTC Inc.](#)

Aug 2017

Built a product to detect available parking space - [Project link](#)

TECHNICAL ACHIEVEMENTS

Air Pollution Forecast App, top 50 idea out of 1000+ ideas for Hackference hackathon sponsored by Google and GitHub. • Virtual Reality Visualization Expert Intern for [GMetri](#) during Hackference 2018's hiring fest in Bangalore.

SKILLS

Natural Language Processing • Machine Learning • Python, R, Java, C, C++ • Computer Graphics • Unix • git • HTML, CSS, Javascript • Django • Bootstrap • Actions on Google Assistant • Dialogflow

NON TECHNICAL ACHIEVEMENTS

Helped Kerala Flood Search and Rescue Team during the floods in Kerala by contributing as a chat support volunteer. Assisted in relocating and rescuing 2000+ people. • Helping girls fight FGM and to other issues by mapping rural Tanzania on open street map as a United Nations Online Volunteer. • Helped organize WiDS Pune Conference 2019, an extension of WiDS Conference at Stanford • Core crew, TEDx Azadnagar .