

Yash Chauhan

“I am driven individual with the ability to adapt to any situation and proven potential to grow self and others”

WORK EXPERIENCE

Software Engineering Intern

INOVATIOS TECHNOLOGY, Bangalore

(Aug, 2019 – Nov, 2019)

- Designed and developed an app that scans the business card of any company and shows it in an augmented reality Interface.
- Worked on an Android application.
- Actively contributed in daily stand-ups and actively took initiative to summarize the **minute of the meetings**

System Management Intern

VR Zone, Vadodara

(Feb, 2019 – May, 2019)

- Lead a game center with four systems which were integrated with full Virtual Reality setup with an average foot fall of **120+** people per day.

Student Partner Internship

Inventrom Private Limited (Bolt IoT)

(June, 2019 – Aug, 2019)

- The tasks I did were related to popularising the concepts of Internet of Things(IoT) and Machine Learning(ML), brand awareness and business development of the Bolt IoT and ML online video training for two months.

Undergraduate Researcher

PARUL UNIVERSITY, Vadodara

(Nov, 2019 – July, 2020)

- Trained and mentored **650+** computer science students through **seminars** and hands-on **workshops**.
- Published a research paper on **Machine Learning**. ([link](#))

FREE LANCING

- Worked to develop static and dynamic websites, games and mobile applications for clients across the globe.

PERSONAL PROJECTS

Sorting Visualizer

(C++, Sorting Algorithms)

- Built C++ application for visualizing algorithms.
- Implemented Bubble Sort, Merge Sort, Quick sort and Heap Sort.

Bank Management System

(C++)

- Built a CRUD bank management system that lets users insert, read, search, delete and update the information.
- This project uses classes and file handling features of C++.

Augmented Reality Mobile Application

(C#, Vuforia API, Unity Engine)

- Built an Augmented Reality application that helps students to learn and understand the concepts fast with an Augmented View.
- This project got featured by Unity Engine on their official youtube channel. ([link](#))

Student Attendance System using Face Recognition

(Python, AWS, Raspberry pi)

- Built a Face recognition application for student attendance that runs on Raspberry PI.
- It uses LBPH(Local Binary Pattern Histogram) Algorithm.

Visual Studio – LearnC

(JavaScript)

- Developed an extension that helps with snippets to write programs.
- Students use this extension to learn coding easily.

PUBLICATIONS

- Published a research paper in second year Titled: “**Cardiovascular disease prediction using Classification algorithm of machine learning**” ([link](#))

SKILL SET

- **Programming Language:** C, C++, Python
- **Web Technologies:** HTML5, CSS, JavaScript
- **Softwares:** Unity Engine, Visual Studio, Canva, Github, Raspbian
- **Development Methodology:** Agile
- **Version Control System:** Git
- **Database:** MySQL, Firebase
- **Concepts:** Object Oriented Programming, Functional Programming, Strong in DSA, Problem Solving, Dynamic

Programming, Web Development

- **Problem Solving Skills:**
 - HackerRank: 5 star – Problem Solving & 4 star – C++ Programming
 - Codechef: 2 star
- **Others:** Data Structure, Algorithms, Unity Engine, Firebase, IBM Watson, Android Studio, AWS, Azure, GCP, Web Extensions API
- **Soft Skills:** Tech Speaking, Tech Writing, Community Leading

POSITIONS OF RESPONSIBILITY

- **Microsoft Student Partner** (Microsoft)
 - Established a Student Tech Community to motivate students in technology by delivering sessions and Hands-on Workshops.
 - Organized 7 Workshops with more than 850+ students.
 - Promoted to Beta level at Microsoft India summit.
- **Unity Student Ambassador** (Unity Engine)
[\(Link\)](#)
 - Member of the organizing team of Unite Conference 2019.
 - One of my projects got featured in the International Conference of Unity and their Official YouTube channel.
- **GirlScript Chapter Leader** (GirlScript Foundation)

My role involves the following activities -

 - Grow and build sustainable Open Source Communities.
 - Tech-talks on technologies like AI, ML & WebVR at various Hackathons/TechEvents.
 - Engage in the mentorship of Open Source Projects.
 - Drive Leadership Skills Training to onboarding new volunteers.
 - Host/Facilitate various Hackathons & Design Sprints on various causes and technologies.
 - Secured the First position in the GirlScript India Hackathon 2019 with a cash prize of INR 10000.
 - Got selected for the 21UNDER21 Award nomination category.
 - Volunteered in "GirlScript India Summit is the biggest celebration of technology, talent, entrepreneurship and diversity, hosted by GirlScript Foundation."
- **IncubateIND Fellowship** (IncubateIND)
- Worked as a developer in a social startup that helps farmers earn higher revenue and easier to manage farm produce using our web app <http://agrizon.in/> which connects farmers to their buyers and maintains a healthy food supply chain.

ACHIEVEMENTS

- Ramanujan Test [Mathematics Day, 2019]
- Medical Vibe Hackathon Winner, 2019
- Augmented Reality/Virtual Reality Bootcamp Hackathon Winner, 2019
- Maharashtra Institute of Technology (MIT- AOE) Hackathon Winner, 2018
- Maharashtra Institute of Technology Pune Hackathon Winner, 2019
- Parul University Tech Expo first Runner Up, 2019
- IET Karmaveer Tech Expo, 2019
- GirlScript India Hackathon Winner, 2019
- Vadodara Hackathon winner and nominated for Smart Gujarat Hackathon, 2019
- Secured 2nd runner up IEEE DataScience Hackathon organized by Charusat University, 2020
- GirlScript India 21 Under 21 awards, 2019
- Invited as Game development Mentor during GirlScript Foundation COVID-19 program.
- Recognized as a Youngest Innovator in Parul University
- **Trained & Mentored** more than 850+ students in computer science through **seminars** and hands-on **workshops**
- Invited as a **speaker** through various communities for delivering workshops and hands on session on various technologies

ACADEMIC DETAILS

- B.Tech Computer Science & Engineering: PIET (Vadodara, Parul University)- 7.8/10 (2018-2022)
[\(link\)](#)
- Programming **Nano-degree**
- **Joint Entrance Examination** Qualified

CHARACTER REFERENCE

- **Anuj Duggal** (Innovation Program Manager at Intel | Ex-Googler) [\(link\)](#)
- Anubha Maneshwar (**Forbes Asia Under 30** | Founder **GirlScript Foundation**) [\(link\)](#)
- Dr.Devanshu Patel (**President** of Parul University) [\(link\)](#)