

# POOJA GUJRAL

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## EDUCATION

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**Bharati Vidyapeeth's College of Engineering, New Delhi**

Bachelors in Technology

Department of Instrumentation and Control Engineering

*August 2016 - August 2020*

Cum. GPA: 8.12/10

**Bal Bharati Public School, GRH Marg, New Delhi**

Senior Secondary Education (XII)

Matriculation (X)

*2002 - 2016*

Percentage: 89

CGPA: 9/10

## INTERNSHIP AND TRAINING

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**Micromax Informatics Ltd., Gurugram, Haryana, India**

*Android App Developer Intern led by Mr Ankit Jain, Senior Manager-IT*

June 2019 - July 2019

*Summer Internship*

- Worked on MI-SOT (Micromax Sell-Out) android application. Learned about Sales Force Automation (SFA). Features include Workforce Management, Daily Sale-out, Insight Management, and Better Payment Methods.

**The Optimist Citizen, Madhya Pradesh, India**

*Editorial Intern led by Mr Tuhin Sen, CEO, The Optimist Citizen*

December 2018 - March 2019

*Winter Internship*

- Got 2 Published Articles in January Issue 2019; Worked on 5+ stories and conducted interviews with the news subjects.

**Android App Development Boot Camp**

*Delhi Technological University, New Delhi*

December 2018- January 2019

*Winter Training*

- Using Java language, made native android apps on Android Studio. Hands-on designing front end and back end, and use of Google APIs.

**Machine Learning and Artificial Intelligence**

*Led by Ms Rubina Vohra and Mr Abhishek Gagneja from ECE Dept, BVCOE*

June 2018 - July 2018

*Summer Training*

- Used Python basics to make simple programs and worked on data sets from Kaggle. Delving into face recognition and deep neural networks for data representations and task-specific algorithms.

**Embedded Systems**

*Led by Mr Gurusahib Singh at Cyborg Labs, New Delhi*

June 2017 - July 2017

*Summer Training*

- Interfacing hardware with software using different user interfaces like buttons, LEDs, touchscreen sensing, GSM and GPS modules etc. Programming was done in Embedded C to serve real-time operated environments.

## TECHNICAL SKILLS

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**Operating Systems**

Windows

**Programming Languages**

C, C++, Java

**Android App Development**

XML, Java, Firebase, Google APIs

**Web Development**

HTML, CSS

**Simulation and Math Tools**

Adobe XD, Proteus ISIS 7

**Software & Tools**

MS Office, Latex,

## PROJECTS

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### **MI-SOT: Micromax Sell-Out App**

Worked on live app and enhanced UI features like IMEI Sell-Out Report, Attendance Management System, and tracking of Stock Quantity and implemented Database with MS SQL.

### **STAT-Q: Statistics of Queue using Cisco Meraki Camera**

Created a Web-App for queue detection at railways, banks, hospitals etc; extracted live data feed of 7 days using machine learning models.

### **Walmart Spark Indoor-Navigation App**

Created an indoor-store navigation app in Java; Key features include live store navigation using Google AR Core API, in-app recommendations and product scanning using Computer Vision.

### **Personality Prediction System**

Created a Web-App that predicts the personality of a job applicant based on his CV and LinkedIn profile; implemented in R, Python and JavaScript.

### **WIEHACK 2.0 Website**

Implemented the UI of WIEHack 2.0, Virtual Hackathon in HTML and CSS

### **FITSY: The Fitness Band**

A hardware model to measure parameters like heart rate and body temperature using Arduino and sensors like LM35 and Pulse rate.

## ACADEMIC ACHIEVEMENTS

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Placed at McDermott International Inc. (Previously CBI) as Associate Instrumentation Engineer

Received Letter of Acceptance for Masters in Engineering from Ryerson University and University Of Waterloo (Canadian Universities)

4th Position in ICE Department upto 6th Semster with Zero Backlogs

Placement Coordinator of ICE Department for batch 2019-2020

1. Campus Ambassador at Ernst and Young (EY) Campus Lead program 2019
2. Event Organizer and Anchor at TCS DISQ 2019 event held at BVCOE

Finalist at Smart India Hackathon 2019 (Software Edition) by MHRD, Govt. of India in 2019.

IEEE Delhi Section Core team as WIE Coordinator under Dr.Perna Gaur, Chairperson, IEEE Delhi Section and HOD ICE dept, NSUT

Chairperson of Women in Engineering (WIE) Affinity Group at BVPIEEE led by Ms Yogita Arora (ECE Dept) for academic year 2018-2019.

IELTS score: 7.5 bands; GRE Score: 310

Review Paper on "Personality Prediction using Machine Learning Techniques for Better Job Recruitment: A Meta-analysis and Theoretical Review" submitted in Cognitive Systems Research Journal under the guidance of Mr Brajesh Kumar (ICE Dept)

## SOCIETY MEMBERSHIPS

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Institute of Electrical and Electronics Engineers (IEEE)

International Society of Automation (ISA)

## EXTRA-CURRICULAR

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IIC Core Student team and Publication Documentation Head led by Dr Kirti Gupta (CSE dept) and under the guidance of Dr Arvind Rehalia (ICE dept) for academic year 2018-2019

Co-editor of Inspiring Roots, Alumni Magazine of BVCOE in 2019 under the guidance of Dr Vanita Jain (IT Dept) Dr. Arvind Rehalia (ICE Dept).

College Delegate at annual ISA (International Society for Automation) Power and Petroleum Meet, 2019

Co-founder of WIEHack - All-Women Hackathon; Organized offline edition in October 2018 and Online Edition in April 2020, amidst COVID-19

Delegate of Costa Rica at OeuvreMUN 2017 at BVCOE in April 2017.

Co-Organized IEEE Delhi Section Congress 2019 and IEEE Rajasthan Sub-section Congress 2020

Held special session by Mr Alok Basu, Head-Training Placement on Placement Talk

Co-organized IEEE Delhi Section congress at IIIT-D, Mediator at the panel discussion and led the WIE Delhi Chairs Meeting

Co-organized IEEE Rajasthan Subsection Congress at Manipal University, Jaipur in January 2020 under IEEE Delhi Section

Publication and Documentation Head, BVPIEEE IAS Chapter for 2018-2019