# Kevin Shah

Junior Undergraduate

Major in Chemical Engineering

Minor in Computer Science and Engineering

Indian Institute of Technology, Gandhinagar

[LinkedIn](#)

[Portfolio Website](#)

kevin.shah@iitgn.ac.in

+91-7045769850

## EDUCATION

| Degree | Institution | CPI/% | Year |
|--------|-------------|-------|------|
| B.Tech. | IIT Gandhinagar | 8.26/10 | 2020-Present |
| Class XII | Prakash College of Science, Mumbai | 90.50 % | 2019-2020 |
| Class X | Kapol Vidyanidhi International School, Mumbai | 96.50 % | 2017-2018 |

## INTERNSHIPS

- **Machine Learning Intern** *[Agtech Seed Startup: InfyU LABS]*                    *May 2022-June 2022*
  - Optimized the **Quality assurance system** of fruits & vegetables by predicting their **Brix and Firmness** values with the help of **PLS & MLP regression models** from the **NIR Spectroscopy** data
  - **Granular Plastic Classification** based on NIR Absorbance using classification algorithms: **Random Forest**, KNN, **Logistic Regression (OVR: one-vs-rest)**, and Decision Tree Classifier
  - Implementation of Deep Convolutional Neural Networks based on **YOLOv4 and Mask R-CNN object detection** models to detect the presence of animals in the factory warehouse

## PROJECTS

- **AI-Based Initiative: "Blue Swan"** *[Mr. Anand Pandey, IIEC Head]*                    *Apr 2022 - Present*
  - For the well-known Indian food and bakery mega-chains, we are working on an idea **to optimize the sales pipeline of perishable commodities** through **sales forecasting** and product supply chain management
  - The project also entails **product development** and **market cross-validation** through a sales forecasting platform. Deployment of **state-of-the-art Machine Learning Models** to predict future sales of a wide range of products based on their past data

## AWARDS AND ACHIEVEMENTS

- Acknowledged in **Dean's List** for **excellent academic performance** in Semester IV (AY 2021-22)
- Selected among the Top 5 teams for **Innovation-Driven Entrepreneurship (IDE) 4.0:** The **National Bootcamp at Bangalore** based on the proposal of an **authentic technology-driven startup idea** using **machine learning and artificial intelligence** in the domain of **sustainable development** by reducing food wastage, improving product supply chain and enhancing sales pipeline

## SKILLS & CERTIFICATIONS

- **Languages/Tools:-** MS Excel, Python (Including **data analytics specific libraries**), C, C++, MATLAB, LaTeX
- **Certifications:-**
  - Introduction to Data Science & Applied Machine Learning in Python *[University of Michigan, Coursera]*
  - **Deep Learning Specialization** *[DeepLearning.ai]*: Neural Networks and Deep Learning, Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
  - **Natural Language Processing** Bootcamp *[DPhi]*
  - The Complete Investment Banking Course 2022 *[Udemy]*, Build your Startup *[IIT Gandhinagar]*

## POSITIONS OF RESPONSIBILITY

- **Coordinator of Events & Initiatives** *[Entrepreneurship Initiative IITGN]*                    *May 2022-Present*
  - Co-Leading a **team of 20 peers** for **Ideating, Organizing, and budgeting** various Events and Initiatives for EII, the Entrepreneurship Cell at IITGN, with the motive of cultivating **entrepreneurial culture** and fostering the **path of Innovation**
- **Senior Events Executive, Amalthea, Annual Technical Summit** *[IIT Gandhinagar]*     *May 2021-April 2022*
  - Planned and Organized IITGN's Startup Pitching Competition: **ICon: Innovation Conference**, as the **Event Head**
  - **Top 10 Tech-based startups out of 147 teams** were invited to showcase their innovation in the field of **"Sustainability Driven Technology"** in front of **Industry leaders** and **Startup Co-founders** from different domains to form a panel of Judges & **Director and Chairman of Adani Agrifresh** were invited as ICon's Chief Guest
- **Core Committee Member** *[ML Club of IIT Gandhinagar]*                    *June 2022 - Present*
  - Oversee the functioning of the **Machine Learning club** with 6 other core members