

# Arijit Gupta

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*"Hello World, I am a student developer and a Machine Learning enthusiast. I am currently learning and working, in the domain of Artificial Intelligence. I am knowledgeable in the fields of Deep Learning and Natural language Processing and I'm working on projects related to Reinforcement Learning and Computer Vision."*

## Education

### BITS Pilani, Goa Campus

Goa, India

B. E.

2018 - present

- Major in Electronics and Instrumentation, CGPA: 7.20 (three semesters)

### Delhi Public School, Noida

Noida, India

PCM WITH COMPUTER SCIENCE

2004 - 2018

- Awarded a gold medal for six consecutive years of merit

## Work Experience

### Microsoft IDC

Hyderabad, India

SOFTWARE ENGINEER INTERN

May, 2020 - Jul, 2020

- Migrated a static website to a dynamic website which implemented systematic polling of APIs and real time update of components in ReactJS and deployed the web service on Azure
- Added a system to existing .NET MVC project to integrate and run ReactJS pages on it with the use of transpilers and bundlers

### Tessellate Imaging

Pune, India

MACHINE LEARNING INTERN

Feb, 2020 - May, 2020

- Worked on adding features such as cloud deployment of deep learning models, model optimization and resolving bugs in a set of open source tools
- Helped in creating real-world applications such as automated plant-leaf disease classification, weapon detection and animal detection using custom libraries

### WorldQuant LLC

RESEARCH CONSULTANT

May, 2019 - Sep, 2019

- Built robust financial signals to detect arbitrage in international financial markets

## Skills

<b>Programming</b>	Python, C++, C, Shell, JavaScript, TypeScript
<b>Frameworks/Libraries</b>	PyTorch, TensorFlow, Keras, Angular, ReactJS
<b>Technical Knowledge</b>	Machine Learning, Natural Language Processing, Deep Learning, Computer Vision, Front-End Development, Deep Reinforcement Learning

## Certifications

2019 **Explore ML Beginner's Track**, Google AI

Goa, India

## Projects

### ChainVoter

FRONT-END DEVELOPER, MACHINE LEARNING ENGINEER

Jun. 2019 - Aug. 2019

- Web and mobile application for secure online voting using blockchain. Solution proposed for Microsoft Code.Fun.Do++ 2019. Used Microsoft's Face API to implement two-factor authentication including facial recognition on the website as well as the mobile application. Awarded 2nd Runner's Up in college.

### TwoFace

FRONT-END DEVELOPER, MACHINE LEARNING ENGINEER

Nov. 2019

- Made an easily integrable two factor authentication system with cognitive services using Microsoft's Face API for web based and mobile applications. Awarded 1st Runner's Up at Microsoft Hackday 1.0