

# Adit Shah

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## PROFESSIONAL SUMMARY

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Innovative Machine Learning Engineer possessing strong mathematical skills and detailed knowledge of machine learning evaluation metrics and best practices. Offering two years of experience creating programs and algorithms to enable machines to take actions without being directed. Expertise in predictive analysis, data mining and computational statistics. Logical and detailed professional with exceptional Python coding.

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## PROJECT HIGHLIGHTS

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**Robert BOSCH Engineering and Business Solutions, Bangalore, IN**

**Associate Software Engineer (AI) (RBEI/TSG)**

**July 2019-Present**

- Developing the security solution for AI and ML project.
- Optimizing the DL solution and deploying on different platforms.
- Researched and implemented best practices to improve existing machine learning infrastructure.

**Software Intern (AI) (RBEI/TSG)**

**January 2019-July 2019**

- Developing a Deep Learning solution for the smart city developed an API that will be integrated to the mass surveillance platform for detecting the License Plate number.
- Use different kind of optimization for using the solution on cloud, embedded devices and on mobile devices.

**Florida Atlantic University, Boca Raton, USA**

**May 2018-June 2018**

**Research Intern**

- Engineered a project aimed at CAD detection of pneumonia using Machine Learning techniques Trained a Neural Network with a dataset of about 5600 Chest X-ray Images from Kaggle to achieve an accuracy of 95.5% with the system.

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## SKILLS

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|---|---------------------------------------|
| • Coding Languages: JAVA, Python          | • Library: Pandas, Numpy, Scipy       |
| • Frameworks: TensorFlow, Keras, OpenVino | • Deployment technology : ML Flow and |
| • Operating Systems: Windows, Linux       | Kubernetes (Beginners)                |

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## EDUCATION

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**BACHELOR OF TECHNOLOGY, Electronics and Communication**

**Nirma University**

**GPA: 7.92 on 10.0**

- Coursework in Computer architecture, Networking and Micro Processors

**MINORS IN MARKETING, Marketing management**

**Nirma University**

- Behavior, Entrepreneurship Development, Sales & Marketing

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## ACCOMPLISHMENTS

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- 4 Patents filled in area of confluence of AI and security with Bosch

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## CERTIFICATIONS

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- Ranked in top 5% in Basic Electronics in NPTEL course
- Machine Learning with Python, Issued by IBM