

# Kavin Bharathi

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## EXPERIENCE

### National Institute of Technology (NITT) | [Link](#)

June. 2022

Research Internship

Trichy, TN

- NITT is one of the top 5 premier institutions in India.
- As an intern, I researched on combining models used to detect various accessories on a human face using deep learning and machine learning modules with python which can be used for real time applications.
- Achieved an accuracy of over 95% for detecting mask and glass on a face in crowded situations
- Published a research paper on the same at CLIP 2022
- Technologies used : Python, OpenCV, Numpy, Keras, Pandas and Tensorflow

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## EDUCATION

### Vellore Institute Of Technology

Expected - 2025

B.Tech, Computer Science / CGPA: 8.35/10

Chennai, TN

- **Relevant Coursework:** Data Structures, Design and analysis of algorithms, Operating Systems, Object Oriented Programming, Artificial Intelligence, Machine Learning, Database Systems, Computer Networks, Statistics
- **Club work** – Member of Computer Aided Design Club

### Asian International Private School

2021

Senior Secondary

Abu Dhabi, UAE

- Scored 88% in board examination conducted by CBSE

### Asian International Private School

2019

Higher Secondary

Abu Dhabi, UAE

- Scored 84.5% in board examination conducted by CBSE

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## CERTIFICATIONS & SKILLS

### ▪ Certifications

- Applied data science with python | [Link](#)
- Introduction to Data Science in Python | [Link](#)
- Applied Machine Learning in Python | [Link](#)
- Applied Plotting , Charting and Data Representation in Python | [Link](#)
- Applied Text mining in Python | [Link](#)
- Applied Social Network Analysis in Python | [Link](#)
- Certification for proficiency in C, C++ and Python | IIT Bombay
- **Programming Languages :** C, C++, Java, Kotlin, Python, R, Matlab, Javascript, Typescript, HTML/CSS, SQL(Postgres), NoSQL
- **Libraries** – Numpy, Pandas, Matplotlib, Keras, Tensorflow, OpenCV
- **Platforms :** Android, Linux, Windows
- **Hardware :** ARM, FPGA's, Raspberry Pi, Arduino
- **Communication :** Technical Reports, Instruction Manuals, Presentations
- **Languages :** English (Fluent), Tamil (Native), Hindi (Conversational) German & Arabic (Beginner)