

**RAMIT SHIVANSH**

Course : **B.E. (Hons.)**, Computer Science, 2022  
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 CGPA : 7.15

**SUMMER INTERNSHIP / WORK EXPERIENCE**

- SDE Intern, Walmart Global Tech India** May 2021 - Jul 2021
- Worked as a data engineering intern in a team of 20+ people.
  - Built data pipelines, data from which is then used to run multiple simulations to test the impact of different factors affecting the supply chain logistics. The outcomes would be used to help make decisions to optimise costs and time
  - Used Java, Apache Spark, Google BigQuery, Python and Apache Airflow
- SDE Intern, Helix Tech** May 2020 - Jun 2020
- Worked on a live streaming Android app in a team of 5 members.
  - Built different screens of the app using Java and XML in Android Studio and integrated it with backend APIs.
- Virtual Research Consultant, WorldQuant** Jun 2019 - Aug 2019
- As a Research Consultant, I researched and generated Alphas (mathematical model or strategy, which places different weights on different stocks in a portfolio) on different datasets of US, Asian and European Markets. Made 100+ predictive Signals.

**PROJECTS**

- Portfolio Website - Web Development** Jul 2020 - Present
- [Website](#)
  - [GitHub Repository](#)
  - Made a portfolio website to showcase my projects and skills.
  - Used HTML5, CSS3 and JavaScript
- Doximity - Android App Development** Jul 2020 - Jul 2020
- [GitHub Repository](#)
  - Developed an android application in Android Studio to connect doctors to patients from home for a 36-hour hackathon.
  - Technologies used :- Android Studio, Java and XML.
- Speech Noise Classifier - Deep Learning** Jul 2020 - Present
- [GitHub Repository](#)
  - Made DNN models that classify clean isolated speech from just noise in Google Colab.
  - Technologies used :- Tensorflow and Python.
- 2048 Interpreter - Compiler Construction** Mar 2021 - Apr 2021
- [Github Repository](#)
  - Built an interpreter to play 2048 game by giving it commands through command line.
  - Used C, flex and bison to implement different parts of the program.

<b>Subjects / Electives</b>	Data Structures and Algorithms, Artificial Intelligence, Object Oriented Programming, Quantum Information and Computation, Graphs and Networks, Database Systems
<b>Technical Proficiency</b>	C++, JavaScript, Java, Python3, C Programming, Web Development, Competitive Programming, Android Development, Android Studio

**POSITION OF RESPONSIBILITY**

- Course Mentor (CS-F111) - BITS Pilani, Goa Campus** Mar 2021 - Present
- Worked as a course mentor in a group of 70+ FDTAs/FDCMs to help 850+ students in learning basics of programming for CS F111 - Computer Programming course at our campus.
- Teaching Assistant (Database Systems) - BITS Pilani, Goa Campus** Jan 2021 - May 2021
- Worked in a group of 15+ TAs.
  - Conducted labs on database systems topics like relational algebra, schema design etc.
  - Prepared reading materials and practice questions for students.

**VOLUNTEER EXPERIENCE**

**Center for Entrepreneurial Leadership (CEL), BITS Goa** - Role: Associate | Cause: Education Aug 2019 - May 2020

As an active Core Member of CEL BITS Goa, I organized Coalescence (Annual Entrepreneurship Summit of BITS Goa) and Pitchers: pitching competition for freshers.

**ACADEMIC DETAILS**

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Mother Khazani Convent School	CBSE	82.2 %	2017
CLASS X	Siddharth International School	CBSE	9.6 CGPA	2015