

# Samyak Jain

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## ABOUT

- An entry-level data scientist who takes pride in building models that translate data points into business insights.
  - Interested in collecting, analyzing and interpreting large datasets to develop new forecasting models and performing data management tasks.
  - A keen enthusiast for Machine Learning and Data Analysis with a great foundation skills in Math, Programming logic and cross-platform Coding.
  - Passionate to learn and gain experience in the field of analytics to venture into the world of sports and use my skills and knowledge to one day become a Sports Analyst.
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## EXPERIENCE

### **Android Studio - App Developer**

**July 2018-November 2018**

- Built a small and simple game called Frogger which is an adaptation of the very famous game Frogger played in PC. •
- Team project and included heavy involvement in developing the User Interface and back end code.

### **Undergraduate Research Assistant – Australian National University**

**June 2019 – May 2020**

- Worked under university Deputy Dean of Engineering and Computer Science on a project related to machine learning on the topic computational Alloy Design and Discovery.
- Main focus was to use machine learning to predict alloy compositions that could be useful for future metallic alloys.

### **Virtual Internship – InsideSherpa – ANZ**

**August 2020**

- Analysing and visualizing data with Microsoft PowerBI

### **Volunteer at Smile Foundation (NGO)**

**April 2014-May 2016**

- Was actively involved in Volunteer Activities associated with the NGO.
- Aims at providing education for underprivileged children, girl child, and give support for poor children's health.

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## EDUCATION

### **Australian National University, Bachelor of Advanced Computing (Hons)**

**(Currently Pursuing)**

#### **Courses Completed :**

• Foundations of Computing • Data Wrangling • Data Mining • Information Theory • Strategic Thinking: Game theory • Intro to Machine Learning • Document Analysis • Advance Computing Research Methods • Software Design Methodologies • Intro To Data and Security • Advanced Computing Project • Neural Networks: Deep Learning • Statistical Machine Learning • Computer Vision

### **International Centre for Applied Sciences – Manipal University**

**Bachelor of Science (Twinning Program)**

**Grade- 3.6/4**

#### **Courses:**

Data Structures • Software Design using Object Oriented Programming • Java Programming • Computer Organisation and Assembly Language Programming • Combinational and Sequential Logic • Formal Languages and Automata Theory • Design and Analysis of Algorithms • Computer Architecture

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## RELEVANT SKILLS

- Ability to tell stories with data using data visualization software such as Tableau, Excel, PowerBI in conjunction with strong verbal ability
- Strong attention to detail, excellent organizational skills, and ability to manage multiple projects and responsibilities
- Ability to analyze data and translate results into valuable knowledge information.
- Highly motivated self-starter with experience producing high quality data deliverables and able to work independently and in a team environment

- Data synchronization
- Probability Model and Data Analysis
- Analysis of Algorithm
- Working with Databases
- Web development tools
- Math and statistics

- Data mining/wrangling
- Computer vision
- Keras / Tensorflow
- SQL
- Natural Language Processing
- Python, Java, C++

