

# Sanchit Chawla | Curriculum Vitae

Phetkasem 48, Bangkok Thailand 10160

☎ +66 846799509 • 🌐 [www.github.com/sanchitchawla](https://www.github.com/sanchitchawla)

A Senior Computer Science Undergraduate Student. Highly skilled in Machine Learning, with strong skills in software engineering and communication skills.

## Previous Employment

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- **Vbit Connection** **Bangkok**  
*Full Stack Web Developer Intern* *July 2017–September 2017*  
Responsible for creating a web infrastructure for SCG Logistics using Angular JS and Spring Framework.
- **BOL Digital** **Bangkok**  
*Software Engineer* *April 2018*  
Working on an application called MatchLink which aims to provide loan services to SMEs.

## Education

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### Academic Qualifications.....

- **Mahidol University International College** **Salaya, Nakhon Pathom**  
*Computer Science, 3.05 GPA* *2015–2018*
- **Thai Sikh International School** **Bangkok**  
*6 IGCSEs, 6 As* *2004–2014*

### Notable Projects.....

- **Machine Learning Library: 'A scikit learn type Machine Learning Libray for Scala'**  
A project I built for a class because I loved Scala but it was missing the easy to use libraries of Python. It consisted of Linear and Logistic Regression and also Deep Neural Network, written in such a way it was very easy to use for new users and extendable if you are more knowledgable.
- **Bitcoin Price Prediction Using Sentiment Analysis**  
This project was built out of my curiosity towards the speculative behaviour of cryptocurrencies. I used online news data from various cryptocurrency news outlets and feeded it into an LSTM network which would then predict the closing price of tomorrow using historical data and the polarity of the news data.

- **J.A.R.V.I.S. Security System:**

A class project built with one feature in mind, security. A user would be granted access only if our model could recognize their faces and voice. I worked on the facial detection component of this project and I used Convolutional Neural Networks because of their outstanding performances in Image Recognition in the recent years.

## Technical and Personal skills

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- **Programming Languages:** Proficient in: C, C++, Python, Scala, JavaScript, Java ,TeX
- **Other Technologies:** Proficient in Version Control (Github, Bitbucket), React and Vue JavaScript Framework, Tensorflow, Google Firebase, Google Compute Engine, RabbitMQ, Redis and Spring Framework

## Interests and extra-curricular activity

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- I was a Teacher Assistant for the Data Science class, offered at my college, I graded homeworks and give the students intuitive examples and just try to make things fun to learn.
- I am also an avid music producer, I mainly produce electronic music, it keeps me sane and helps me stay focused.