



# SOMESH KIRTHIK S P

## STUDENT

### REACH ME AT

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### ABOUT ME

Proactive learner who always strives to learn more and improve existing skills. Great at multi-tasking and willing to work smart on recent technical problems and projects based on machine learning and web development.

### ACADEMIC HISTORY

#### Vellore Institute of Technology, Chennai

B.Tech in Electronics and Computer Engineering  
(2018-2022)  
CGPA: 8.82 (Until 6th sem)

#### Velammal Bodhi Campus, Ponneri

CBSE Class XII (2018)  
Percentage: 93.2%

#### Bhavan's Gandhi Vidyashram, Kodaikanal

CBSE Class X (2016)  
CGPA: 8.6

### SKILLS

**Programming Languages:** C++, Python, Java (Basics)

**Web Development:** HTML, CSS, Javascript, React

**Other technical skills:** Data Structures, Machine Learning, Basic Web App Vulnerability Testing, Information Security

**Non-Technical Skills:** Leadership, Teamwork, Strong Communication skills

**Languages:** English, Tamil, Hindi

### WORK EXPERIENCE

#### App Development Intern (Dec 2020 - Present)

ABN Junction, Chennai  
Currently learning Web development using HTML, CSS, Javascript, React JS and Node.js

#### Samung PRISM Developer (Sept 2020 - Present)

Working with Samsung R&D on AI based project

### EXTRA CURRICULAR ACTIVITIES

#### IEEE COMSOC Member (Sept 2019 - Present)

Member at IEEE Computer Society Student Chapter. Sponsorship team member of its Hackhub Event.

#### Event Managers Club (July 2019 - July 2020)

Member and Event Organizer during Vibrance 2019

#### TechnoVIT 2019 (July 2019 - Sept 2019)

Registration and Marketing Team Member

### CERTIFICATES

#### Ethical Hacking Training (July 2020 - Aug 2020)

Program offered by Internshala based on Web Application Vulnerability Testing

#### Google IT Support (Apr 2020 - June 2020)

Program offered by Google in Coursera to pursue entry-level career in IT

#### Machine Learning with Python (May 2020)

Course offered by Cognitive Class.io

#### Linux Mastery (Apr 2020 - May 2020)

Course offered on Udemy for learning Linux terminal

#### Python A-Z for Data Science (Apr 2020 - May 2020)

Course offered on Udemy

### PROJECTS

#### Samsung PRISM - AI 3D Human Model Reconstruction

A project on AI based human 3D model reconstruction from single-view image under Samsung PRISM

#### Plant Disease Detection using CNN

Neural network designed to detect some diseases in Potato, Tomato and Pepper-bell plants.

#### Network Intrusion Detection using DNN

The deep neural network is designed to detect and classify 5 attack types. NSL-KDD and KDDCUP99 datasets are used for training and testing the model.

#### COVID-19 Analysis Chatbot with Sentiment Analysis

This chatbot tries predicting COVID-19 by asking different questions about common symptoms caused by COVID-19. It also replies to users based on their response to general questions.