



# Hrishikesh Padhye

Final year student of Computer Engineering

Seeking an entry-level position to begin a career that will challenge me to use my education, skills and past experiences in a high-level professional environment.

► <https://iamhrishikeshpadhye.github.io/>

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**in** Hrishikesh Padhye

**Twitter** Hrishi\_says\_so

**GitHub** iamhrishikeshpadhye

## SKILLS

<b>Python Programming</b> Intermediate	<b>C/C++ Programming</b> Intermediate
<b>Linux/Unix</b> Advanced	<b>Perl Programming</b> Beginner
<b>Shell Scripting</b> Intermediate	<b>Cloud Computing</b> Intermediate
<b>Java Programming</b> Intermediate	<b>GCP</b> Intermediate

## TRAININGS/CERTIFICATIONS

**Security In Google Cloud Platform Specialization**  
December 2019  
Coursera

**Credentials** : W7478YAU47VV

**Advanced Penetration Testing**  
September 2019  
Cybrary

**Credentials** : CC-ec5182fa-c697-4886- b8af-8e58c11a686e

**Ethical Hacking**  
December 2019  
IIT KGP-NPTEL

**Cloud Computing**  
May 2019  
IIT-KGP-NPTEL

## LANGUAGES

**English**  
Very Fluent

**Marathi**  
Native Tongue

**Hindi**  
Fluent

## HOBBIES

Trekking

Playing Badminton

Listening Music

Watching documentaries

Cycling

Disassembling electronic devices

## EDUCATION

**Pune Institute of Computer Technology, Pune**  
(August 2017 - June 2021)  
**Bachelors** Computer Engineering 8.86 CGPA

**Major Courses taken** : Computer Organization and Architecture, Microprocessors, Digital Electronics, Computer Networks, Data Structures and Algorithms, OOP, Design and Analysis of Algorithms, DBMS

**Maharashtra State Board**  
(July 2015 - June 2017)  
HSC 92 %

**Highlights** : Obtained 98/100 in Mathematics, Obtained 193/200 in Computer Science  
**Other Subjects** : Physics, Chemistry, English, Environmental Science

**Maharashtra State Board**  
SSC 93 %

## WORK EXPERIENCE

**Andy Infosec, Pune**  
(July 2020 - Present)  
Research Intern

- Working on a development of mobile based penetration testing and network scanning tools.

**Pune Institute of Computer Technology, Pune**  
(June 2019 - September 2019)  
Research Intern

- Worked as a student intern on a cloud security project.
- The project was based on detection of cache based side channel attacks in a multi-tenant cloud environment.

**Key Achievement**: Studied different caches in Intel Xeon machines, Studied side channel attacks in Cloud environments, Used Linux tools for collection of system performance data.

## PROJECTS

**Cloud - Distributed Storage System**  
July 2019  
<https://github.com/iamhrishikeshpadhye/Dcloud>

A multithreaded application based on 'Distributed Computing' concept for enhancing storage functions. Topics

**Integrated Anti-COVID System**  
May 2020

Anti-COVID system, a multi-disciplinary project that includes social distancing detection, Face mask detection, Contactless Temperature detection and Automatic sanitizer dispenser. I programmed the Cloud (Firebase) operations and the dashboard of the system.

**Sudoku Solver Py**  
July 2020  
<https://github.com/iamhrishikeshpadhye/Sudoku-Solver-Py>

A web application designed using Python-flask and Open CV that can solve Sudoku puzzle quickly by just uploading the image of the puzzle.

**Sliding Window Protocol**  
August 2019  
<https://github.com/iamhrishikeshpadhye/Sliding-Window-Protocols>

Java implementation for simulation of data link layer network protocols for reliable and sequential delivery of data frames. Sliding window protocols implemented are 'Go Back N' and 'Selective Repeat'.

**hangman-perl**  
June 2020  
<https://github.com/iamhrishikeshpadhye/hangman-perl>

A word guessing game 'hangman' in programmed using Perl programming language with easy installation along with docker support.