

## Objective

To be an intern in a demanding environment that drives me to enhance my knowledge and contribute my skills in innovative and challenging problems.

## Academics

M.Sc Software Systems [5 years Integrated]	[2015 - Present]
Coimbatore Institute of Technology	CGPA: 8.76/10 (up to 4 <sup>th</sup> semester)
Class XII (HSC)	[2014 - 2015]
Lisieux Mat. Hr. Sec. School, Coimbatore	92.83%
Class X (SSLC)	[2012 - 2013]
Lisieux Mat. Hr. Sec. School, Coimbatore	92.8%

## Project Work

### Scramblogger [On-going]

A new way to encrypt media files

**Description:** Share confidential information in the form of images, videos or audio using a password to scramble them into pieces and thus obfuscating it. The original information can be regained with the same password even after sending them through any platform that may compresses them.

**Role:** This project is being done solely by me

**Tools and Technologies used:** Python, Pillow, ffmpeg, pydub

### Orion

A lightweight PHP MVC framework

**Description:** A PHP based web application development framework that uses MVC architecture and a templating engine to develop small to medium sized application quickly. This framework emphasizes on security blocking XHR requests from unknown sources.

**Role:** This project was done solely by me

**Tools and Technologies used:** PHP, Regular Expressions, MVC Architecture, MySQL

## Experience

### ABT Info Systems Private Limited

[May 2017 - June 2017]

In-plant trainee

- Designed and developed a web portal for one of their sister companies that integrates with their ERP to maintain customer data after the changes brought about by GST
- Designed and developed a Machinery Maintenance application that integrates with an ERP to add, maintain, organize the machines and generate reports

**Tools and Technologies used:** ASP.Net, C#, SQL Server, MVC Architecture

## Areas of Interest

- Security
- Web & Mobile app development
- UI/UX design

## Skills

- **Languages:** Python, Java, C, SQL, C#, Shell Scripting
- **Frameworks:** Django, Vue.js, ASP.Net, Laravel(Beginner)
- **Web languages:** PHP, JavaScript, CSS
- **IDEs:** Eclipse, PyCharm, Visual Studio, Android Studio
- **Platforms:** Linux (including Kali Linux), Windows, macOS, Android

## Co-curricular activities

- Currently undertaking a course on Machine Learning from Microsoft(edX)
- Completed AngularJS course from Code School

## Roles & Extra-curricular activities

- Attended a hackathon conducted by Venturesity and Corona Labs
- Participant in GDGC(Google Developers Group Coimbatore) conferences
- Secretary of IT club during school days

## Awards and Honors

- **Winner:** University of California, Berkeley - Andhra Smart Village Open Innovation Hackathon 2017 (Agriculture Vertical)
- **Runner:** Cerebruz - a 2-hour inter-college web design competition conducted as a part of KCT Yugam
- **Winner:** Student Innovative Business Idea – Innovative ideas for a messenger app conducted by Coimbatore Institute of Technology
- Won many quizzes and competitions during school and college days, both within and outside the campus on technology, music and literature

## Hobbies and Interests

- Playing various music instruments, Photography, Logo & Graphic Designing
- Automating various day-today tasks that take a considerable amount of time
- Tweaking the various aspects of Linux systems including system files

## Site References

- **GitHub:** <https://github.com/pranavsricharan>
- **Website:** <http://pranavsricharan.github.io>
- **LinkedIn:** <https://www.linkedin.com/in/pranavsricharan/>