Shrukul Habib

Date of Birth	June 15, 1995	**Mobile Phone**	+91 8904-8907-54
Nationality	Indian	**Email**	shrukul99@gmail.com

Personal Profile

Computer Science Engineering student pursuing Final year Bachelor Degree.
Passionate about Science, with strong technical, business, and interpersonal skills for working in a team. Highly motivated and eager to learn new technologies.

Special interests in Operating Systems, Kernel Development, Web Development, Open Source, Android.

Objective

To contribute as a team member in a lively work environment that will enrich my skill set too.

Education

2013 -
Present
National Institute of Technology Karnataka, Surathkal
B.Tech in Computer Science
CGPA - 8.51

2011 - 2013 **Chetan Pre-University Science College, Hubli**
Pre University Science
Percentage - 94.3%

2011 **Lions English Medium School, Hubli**
Class X
Percentage - 96.8%

Experience

May 2016 -
July 2016
Myntra Designs, Bangalore
Retail-Tech Intern

- As part of the Retail-Tech, developed an utility for Cashback Points and also for credit/debit of Loyalty Points.

- Code had to be highly efficient and Failsafe as it was monetary-sensitive.

- Also worked on Myntra's new User Identity Model

- Used NodeJS for backend and ReactJS & Redux for Frontend Framework.

- Has been put into production and is currently in use.

May 2015 -   IIT Madras, Chennai
July 2015   *Research Intern*

- Worked on initial draft of Project Vault, a micro-SD sized device which helps in Encrytpion. Tested it on emulator.

- Compiled simple Linux Kernel Modules for Native Hardware. Worked on reducing the Kernel size and reduced the size from 6.8 MB to 3.2 MB.

Projects

- **Android OS Development**

  Compiled and ported Android Kitkat to Samsung Galaxy Grand Quattro. Used Open-Source Cyanogen-mod Project for the same.

- **Natural Language Processing**

  Created a product Profiling chrome extension which used Natural Language Processing to rate products based on Text Reviews. Implemented in Python.

- **Computer Graphics**

  Implemented Video Synchronization proposed by Disney and made improvements in the algorithm for Low Quality Videos. Implemented in Python.

- **Image Steganography**

  Implemented Data Hiding using LSB Algorithm on Images as part of Information Security Course. Made use of JAVA.

- **Technique for Order of Preference by Similarity To Ideal Solution (TOPSIS)**

  Collaborated with prof. B.R. Chandavarkar (CSE dept. NITK) and created GUI for "multi-criteria decision making" software which gives an optimal solution to a specific problem having multiple criteria. Built using JAVA.

- **BuStop**

  BuStop is an Online Bus Ticket booking application created as part of Course Requirement. Created Android Application using Android Studio.

- **Internship Website**

  Created an Internship Portal as part of Course Requirement. Website built on PHP backend and uses HTML, CSS, Bootstrap and JavaScipt.

Specific Highlights

- **Wayfoo**

  Created an App for Advanced reservation of tables and menu at select restaurants in and around Bangalore. This is at an advanced stage of implementation.

- **BucksBuddy**

  Created an App for cashless transactions at establishments situated within the campus.

Software Engineering Skills

- **Programming Languages**
  C, C++
  JAVA
  PHP
  Python

- **Web Development**
  HTML5, CSS3, JavaScript
  AngularJS, NodeJS
  ReactJS, Redux

- **Operating Systems**
  Windows
  Linux
  OS X

- **Tools**
  Android Studio
  LaTeX
  adb

- **Miscellaneous**
  Android App and OS Development
  Google App Engine - Hosting Backend and API's on Google Servers
  MySQL Server
  git - version control system

Interests

- Badminton, Football, Running, Cycling, Cricket

- Travelling

- Electronic Gadgets

Extra Curriculars

- Executive Member at IEEE, NITK

- Participated in District-Level Badminton Tournament

- Won Scotland Yard 2013, NITK

Languages

- English - Fluent
- Kannada - Native
- Hindi - Fluent