

Shubham Singh

shubhsherl.github.io

Github:shubhsherl

Email : singhshu@iitk.ac.in

Mobile : +91-9794842994

EDUCATION

- **Indian Institute of Technology, Kanpur** Kanpur, India
Mathematics and Scientific Computing(B.S.); CPI:8.96/10.0 July, 2017 - Present
- **J.T.Golden Jubilee School** Allahabad, India
Central Board of Secondary Education, Class XII; 94.4% March, 2017
- **J.T.Golden Jubilee School** Allahabad, India
Central Board of Secondary Education, Class X; 10 CGPA March, 2015

AWARDS AND ACHIEVEMENTS

- **Academic Excellence Award** IIT, Kanpur
For Exceptional performance in Freshman year. Jan, 2018
- **JEE Advanced** India
Secured AIR 1732 in JEE Advanced 2017 amongst 200,000 candidates 2017
- **Science Talent Search** HRI, Allahabad, India
Secured 2nd position in Mathematics. Nov, 2016

WORK EXPERIENCE

- **Leena AI** Gurgaon, India
Intern, App Developer Dec 2018
 - Worked on a scalable cross-platform app, built using React Native framework.
 - Built a Chat app from scratch where user can chat with multiple bots assisting them with their HR, IT, and other employee related queries.
 - Integrated web-socket in the app for two-way communication between client and server.
 - Added push notification in app for notifying user about the updates on his/her query.
- **New York Office** IIT, Kanpur
Intern, Under Prof.Manindra Agrawal May 2018 - July 2018
 - Worked on a scalable android app, designed in MVP(Model, View, Presenter) architecture.
 - Integrated editor in app to allow rich text editing, with different source type, create and sync data with the server, save drafts and publishing attachments.
 - Created a detail fragment where user data can seen in brief, and can be redirected to to users page.
 - Improved UI/UX of the app by implementing features associated with menus, viewpagers, card views, preference layouts etc. adhering to Googles Material Design guidelines.
 - Implemented linting and unit testing as part of development workflow.
- **Clean Coder** IIT, Kanpur
Association of Computer Activities Jan 2018 - Mar 2018
 - Under Pallav Agarwal, alumnus IIT Kanpur, Google Engineer.
 - Userspace File System written in GoLang using GO-fuse bindings that shows code files properly formatted and allows editing of those files such that the changes are reflected in the original file.

RELEVANT COURSES

MTH301: Analysis(<i>i</i>)	MTH204: Abstract Algebra(<i>i</i>)	ESO207: Data Structures and Algorithms
MTH201: Linear Algebra	MTH302: Set Theory & Logic	ESC101: Introduction to Computing(A*)
CS425: Computer Networks(<i>i</i>)	(A*): Exceptional Performance, (<i>i</i>): In Progress	

POSITION OF RESPONSIBILITY

- **Counselling Service**

IIT Kanpur

Academic Mentor

Aug 2018-Present

- Academic mentor to students of the freshman year, helping and guiding them in their courses.

- **Stamatics**

IIT Kanpur

Web Executive

Sept 2018-Present

- Maintain the Website of Stamatics group, Dept. of Mathematics and Statistics.