Shubham Kumar Gupta

Roll No.:180107058
B.Tech - CHEMICAL Engineering
Minor in Electronics and Communications Engineering
Indian Institute Of Technology, Guwahati

+91-6204553564
shubham18f@iitg.ac.in
gptshubham595@gmail.com
gptshubham595 | shubhamggps.co
linkedin.com/in/shubhamguptaggps

-"A 5th-grade boy who started hacking facebook for chocolates with Nokia 2700 classic mobile"-

Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7.11 (Current)	2018-Present
Senior Secondary	CBSE Board	89.6%	2017
Secondary	CBSE Board	95.0%	2015

Experience

- **Google Code-In 2018, Public Labs**   *Oct 2018 & Nov 2019*
  Open Source Intern
  - *Contributed to Open Source repository as a GCI student and Mentor for the year 2018 & 2019, respectively.*

- **AITS, California**   *Jul. 2019 - Sept. 2019*
  Machine Learning Intern   California, USA
  - *Analyzing various Deep Learning models and to predict the forecast weather, create a model, and deploy it using AWS, improve the performance of models.*

- **Aavaaz, IITG Startup**   *Dec. 2018 - Feb. 2019*
  App Development Intern   Bengaluru, India
  - *Designed methods to deliver news locally to people based on the user's location radius, and based on news categories, they follow and show interest.*

- **National Digital Library of India, MHRD**   *Dec. 2018*
  Student Ambassador   Kharagpur, India
  - *Organized seminars in schools regarding how to make a study plan, compete with others, and crack tough exams.*

- **Bolo, IITR Startup**   *Dec. 2018*
  Associate Category Manager Intern   Bengaluru, India
  - *Created short videos for topics and took doubt clearing sessions and shared tips for students appearing IIT-JEE.*

Projects

- **Sound-Hearing Aid**   *Nov. 2018 - Dec. 2018*
  Research Project   *bit.ly/VoiceAid*
  - Design a solution that enables hard of hearing teenagers aged 12-15 years with cochlear implants to improve voice intonation through carefully crafted training exercises and realtime feedback on speech, with minimal remote monitoring by the doctor.

- **iReport**   *Jan. 2020 - March 2020*
  Dr. Ashish Anand, Associate Professor, Dept of CSE, IIT Guwahati   *bit.ly/iReportIITG*
  - Developing an android based app to monitor health solutions, where one can upload pathological reports and app reads via OCR and transforms it into visual graphs and easy way to share it with a shake QR or with a unique code with user dashboards.

- **CDR Crime Investigation Analysis**   *Feb. 2020 - Jul. 2020*
  Research Project
  - Developing a web app solution to analyze call details and dig out vital and unnoticed details which will ultimately help cyber cells to solve criminal cases in a convenient time.

- **Bosch Route Optimization (INTER IIT GOLD)**   *Dec. 2019 - Jan. 2020*
  8th Inter IIT TechMeet, IIT Roorkee   *bit.ly/boschIIT*
  - Developed a route optimization algorithm that caters to the authentic-time transmuting authoritative ordinance of customers to determine the route and schedule of buses depending on several constraints with traffic simulation.

- **VOTE4US**   *Oct. 2019 - Nov. 2020*
  Microsoft Code.fun.do   *bit.ly/vote4usiitg*
  - Created a high-end secure online voting platform based on blockchain technologies, and developed new encryption techniques are widely focused on solving problems.

- **HarryPotter Magical Cloak** *May. 2019 - June. 2019*
  Machine Learning Project *bit.ly/harryinv*
  – Developed Harry potter Magical invisible cloak by using masking and noise cancellation techniques over the background. This also works with continuous recording.

- **AIDance** *May. 2019 - June. 2019*
  Machine Learning Project *bit.ly/AIiitg*
  – Developed AIDance which learns to capture and mimic dance poses utilizing deep learning. PoseNet, implemented on Tensorflow, they were used as a web-based javascript version.

- **Worked at OneStop IITG app (6000+ Active User)** *May. 2019 - Sept. 2019*
  Developer at SWC *bit.ly/OneStopIITG*
  – Developed IITG mess menu excel to SQLite converter and firebase data feeder along with rating menu, and IITG Blog Reading Platform.

Technical Skills

- **Programming**: C++, Python, Java, Kotlin
- **Web Technologies**: HTML, Javascript, Jquery, PHP, Django, MySQL
- **Miscellaneous**: Android programming, Machine Learning, Git, Docker, Latex*, Augmented Reality*
- **Operating Systems**: Windows, Linux   ** Elementary proficiency*

Certificates

- Andrew Ng Machine Learning
- Microsoft Azure Blockchain, Bootcamp
- Nodejs and Firebase, Udemy
- Google Analytics For Beginners
- Google Digital Unlocked

- Intro to Tensorflow Deeplearning.ai
- Deep Learning with Pytorch-till GANs
- Docker by Phoenix Global (got LOR)
- SQL, PHP & Python Bootcamp, Udemy
- JQuery and AJAX for beginners, Udemy

Positions of Responsibility

- **Volunteer**, United Nations   *Dec. 2018 - Jan. 2019*
- **Android Developer's Head**, Alcheringa   *May 2020 - May. 2021*
- **Technical Bridge**,Siang Hostel, IIT Guwahati   *Jul. 2018- Jul. 2019*
- **Organizer and WebApp Manager**, TEDx, IIT Guwahati   *Jul. 2018- Jul. 2019*
- **Core Team**, Coding Club IITG   *Jul. 2019 - May. 2020*
- **Android Native Dev Head**, Student Web Community, IITG   *Jul. 2018- Jul. 2019*

Achievements

- **Google Assistant Developer 2019**: Received Tshirt, Google-Home, and 200$ grant per month for one year.
- **Hall of Fame Bug Bounty**: Secured name for finding vulnerabilities on IITG, esty, sirv[20$], Hoorn, cert.EU, Nokia, Microsoft.
- **Google Hash Code 2019**: Secured 19th position at the National level.
- **Google Cloud Trainee 2019**: Won the title of "QUEST LEADER" and "GCPCHAMP".
- **TechGig Codegladiator 2019**: Reached National Semi-Finals.
- **Google Codejam 2019**: Qualified two rounds.
- **Microsoft CodeFundo'18**: (Only 1st Yearite) Among Top 26 teams out of 334 teams who successfully listed and represented the project.
- **HackerEarth Yuvaan Hackathon 2019**: (Only 1st Yearite) Won 3rd Prize.
- **Summer App Dev Competition IITG 2019**: Stood 2nd Prize among all students IITG.
- **Hackathon at IITG 2018**: (Only 1st Yearite) Developed IITG android app, and was 3rd Prize winner
- **JEE Advanced**: Cleared JEE Advanced among 0.2million candidates appearing for the test.