



Adit Jain

Roll No.:180102003

B.Tech - Electronics and Communication Engineering

Minor in Computer Science and Engineering

Indian Institute Of Technology Guwahati

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology Guwahati	9.41 (Current)	2018-Present
B.Tech. Minor	Indian Institute of Technology Guwahati	9.5 (Current)	2019-Present
Senior Secondary	CBSE Board	96.6%	2018
Secondary	CBSE Board	10.0	2016

EXPERIENCE

- University Of California, Berkeley** *May 2020 - Ongoing*
Research Assistant Asst. Professor Abhishek Nagaraj, Haas School Of Business
– Analyzed and modelled heterogeneity in business's closure policies in response to Covid-19.
– Contributed in creating dashboard on impact of different reopening policies on the health and job outcomes. [Link: Website](#)
- Mozilla** *Jan 2019 - Mar 2019*
Open Source Contributor The Servo Project
– Worked in Rust to solve several bugs relating to the implementation of W3 Standards for JavaScript in Servo browser engine.
[Link: Contributions](#)

PROJECTS

- Dimension Reduction in Generalized Linear Mixed Models** *Jul 2020 - Ongoing*
Christina Knudson, University of St. Thomas [Link: Github](#)
– Sped up Generalized Linear Mixed Models using Dimension Reduction techniques on random effects.
– Researched on Monte Carlo Likelihood Approximation used to calculate likelihood function of GLMM.
- Reading Project and Online Multiplayer Game** *Sep 2019 - Jul 2020*
Benny George, Associate Professor, Dept. CSE, IIT Guwahati [Link: Github](#)
– Explored methods to exploit properties of graphs using linear algebra on the adjacency matrix of a graph.
– Developed an online multiplayer card game 56 using React and open source libraries.
- CoronaNearMe** *Apr 2020 - May 2020*
Personal [Link: Website](#)
– Bootstrapped a Location-based crowdsourced news app for spreading quick and reliable information during the pandemic.
- Call Data Records and Internet Protocol Data Records Dashboard** *Jul 2020 - Aug 2020*
Smart India Hackathon, AICTE [Link: Github](#)
– Created a dashboard with the capability of visualization, analysis and prediction on CDR Data.
– Integrated open source libraries to create network, geo-scatter and distribution plots of interactions between cellphone users.
- Flight Arrival and Departure Analysis** *Jan 2020 - Feb 2020*
Consulting and Analytics Club
– Scraped data for the last 90 days of domestic flights on 10 routes and analysed the different factors causing flight delay.
– Tested correlation with the weather conditions to see if there is a relation (and further a causation) between delay and weather.

TECHNICAL SKILLS

- Programming:** Python, C, R, Rust, C++*
- Web technologies:** Javascript, D3, Django, Flask, HTML, CSS
- Data Science/ML Frameworks:** Pandas, Plotly, numpy/scipy, PySpark, OpenCV, gmm
- Miscellaneous:** Bash, Git VCS, L^AT_EX, Dart* * Elementary proficiency

KEY COURSES TAKEN

- Computer Science:** Data Structures and Algorithms*, Theoretical Foundations of Computer Science
- Electrical and Electronics:** Control Systems, Digital Circuits*, Analog Circuits, Signals And Systems
- Mathematics:** Probability & Random Processes, Complex Analysis, Linear Algebra, Multi variable Calculus * AS Grade

ACHIEVEMENTS

- Selected for Finals**, Smart India Hackathon 2020
- 2nd Position in Finale**, Strategy Storm, International Case Study Competition with total of 1250 Participants 2020
- ATL Challenge**, Niti Aayog, School was selected among 10000 schools for the ATL Fellowship. 2017

POSITIONS OF RESPONSIBILITY

- Core Team**, Nexus, Techniche - Techno Management Festival of IIT Guwahati *Sep 2020 - Ongoing*
- Open Source Head**, Coding Club IIT Guwahati *Apr 2019 - Ongoing*

EXTRA CURRICULARS

- 1st Position**, Electronics Hackathon, Kriti - Interhostel Technical Championship 2020
- 1st Position**, Mock Parliament, Manthan - Interhostel Cultural Championship 2019
- 1st Position**, Economist Opinion, Kriti - Interhostel Technical Championship 2018
- Participation**, Slam Poetry, Inter IIT Cultural Meet 2018