KAUSTUBH BHATTER

Engineer

Keen to employ and expand skills in analytics/product development, with adequate business-facing challenges.

Phone:	+91- 8825510458
E-mail:	bhatter.kaustubh@gmail.com
Blog:	thethinkpadlive.blogspot.in
Website:	kaustubhbhatter.github.io

EDUCATION

B. Tech: Vellore Institute of Technology, Vellore

C.G.P.A.: 8.38   2014-2018

Major: Electronics and Communication

School: Don Bosco Park Circus, Kolkata

I.C.S.E.: 94%   2011

I.S.C.: 93%   2013

WORK EXPERIENCE

† **Market Analyst**

Futures First   July 2018 – Present

Worked with the Euribor futures, analyzing the macroeconomic/ geopolitical events affecting the global economy. Created algorithms via ADL to automate strategies with preset objectives. Analyzed historical data to correlate pre-existing market scenarios with current ones.

† **Software Developer Intern**

Phazr India, Bangalore   May, 18 – June, 18

Developed two Android apps – A speed-test app and a network strength app to monitor the performance of the 5G infrastructure that Phazr was building in US, and support in-house technical upgrades in India.

† **Communications Intern**

Bharati Airtel, Kolkata   Dec, 16 – Jan, 17

Worked on router configuration, signal monitoring and mobile communication architectures. The working of Kolkata's MSC was studied and assessed.

† **Hardware Intern**

NVIDIA, Bangalore   May, 16- July, 16

Worked for product validation of SDRAMs. Studied types of PCI, SLI-tech and I2Cs. Analyzed waveforms via oscilloscope. Temperature durability was tested.

SKILLS AND ABILITIES

† Programming languages: Java, Python, SQL

† Subjects: Data Structures, Algorithms, Digital Logic, Robotics and Automation, Controls and Systems

† Softwares: Android Studio, Arduino, MATLAB, ADL

† Spoken Languages: English, Hindi, Bengali, French

PROJECTS

† **Nanoparticle based Water Treatment System:**
Nanoparticles with electromagnetic properties were used to remove impurities using synchronized stepper motors, via automatic particle dispersion. A collection and reuse mechanism were also devised.

† **System for Advanced Locking and Ticketing:**
SALT proposes a train seat locking system with real-time monitoring of seats status and ensuring authentic automatic seat occupancy verification, creating in-motion seat booking opportunities. Used Google Sheets, Firebase and Arduino for the model.

† **Density based Traffic Monitoring:**
Created an active infrared traffic density monitoring setup to develop automatic traffic-light switching algorithms. LDR was used to control traffic light intensity.

IMPORTANT ROLES

† **PR Head**   Nature Club
Led my team to educate underprivileged children, publicize, collaborate and generate sponsorships.

† **Core Member**   The Electronics Club
Conducting and managing lectures and workshops.

† **Publicity Coordinator**   Riviera, VIT University
State level publicity in West Bengal and on-campus publicity of various events and agendas of the fest.

ACHIEVEMENTS AND AWARDS

† 1st in Eastern Zone, BITM Debate

† 1st, Hindustan Lever Speech Competition

† 1st, Boscotsav, Don Bosco Liluah, Debate

† 2nd, Frank Anthony Debate

† 1st, Hindustan Lever Drama Competition

† 1st, Bosco Challenge Shield, Basketball

OTHER INTERESTS

Football	Basketball	Badminton	Guitar
Dramatics	Debating	Event Hosting	Writing