Varun Bawa
Systems Development Engineer

A Tech Enthusiast with an inclination towards Finance & Analytics, striving for an excellent tandem with my caliber & sheer determination to work for economically viable solutions

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WORK EXPERIENCE

System Development Engineer
DellEMC

07/2017 – Present *Bangalore*
Working on High-Performance Computing(HPC) R&D department
Work area
- HPC & DL Benchmarks and Optimization
- Research & Analysis on ML & DL models
- Dell HPC Profile analysis and developments on RoCE

Achievements: *2 recognized patents for Dell Internal Use*

Co-founder
Banjara Travels

04/2015 – 04/2017 *Dehradun*
Banjara Travels is a travel based startup where we organized trips, created Itineraries, provided Travel Guidance & Trekking support etc
Work area
- Website creation with ticket booking APIs
- Finance Management

Intern - iOS Developer
Larsen & Toubro Infotech

05/2016 – 08/2016 *Mumbai*
Worked on iOS development for internal & external clients
Work Area
- Indoor mapping and navigation using beacons
- iOS game development and integration for Shell co.

Remote Internship
RiteTag (presently: RiteKit)

05/2015 – 06/2015
Worked on MVC implementation with major and minor updates
Work Area
- MVC using Nette framework(UI & UX)
- Watermarked stat calculator for hashtag analysis

Achievements: *Recommendation Received from CEO (Linkedin)*

EDUCATION

B.Tech in Computer Science
University of Petroleum and Energy Studies

07/2013 – 05/2017 *Dehradun*
Courses
- Majors in Open Source and Standards (GPA: 3.10/4

Intermediate 12'-13' & Metric 10'-11'
Dayawati Modi Academy - 1st

Results
- Intermediate(P.C.M.) - 78%
- Metric - 9.4/10 CGPA

SKILLS

Machine Learning | Deep Learning | Tensorflow
Tensorboard | iOS App Developer
Web App Developer | Desktop App Developer (Linux)
Shell Scripting | GPU & CPU benchmarking
Competitive Programming(Python/Java/C/C++)

PERSONAL PROJECTS

Deep Learning for Sentiment Analysis(Amazon dataset)
- https://github.com/Varun-Bawa/Deep-Learning-for-Sentiment-Analysis

MNIST data analysis using Tensorflow & ML
- https://github.com/Varun-Bawa/Tensorflow-basics

Recognizing Multiple Faces (Windows Application)
- HARR Classifiers implementation(Python, C++, VS, OpenCV)

Confidence Score of any Content over the Internet
- https://github.com/Varun-Bawa/Authenticity-Buffer

Created a Linux Based Operating System and making changes to kernel and developed GUI Apps
- Applications link: https://github.com/Varun-Bawa/Minor-Project

Generic Quiz(Dynamic web app to create & host quiz)

Other projects at github

ACHIEVEMENTS

Microsoft Student Partner for the year 2014-16

Technical Director at UPES CSI Student Chapter 16'-17'

Winner of Office Fundamentals Competition at Microsoft India Summit, Bhopal. 16'

ACM Hackathon Winner 16'

Technical Head at UPES CSI Student Chapter 15'-16'

Cleared National Defense Academy Exam & SSB 11'

CODING LANGUAGE

C, C++, Java, Swift, Shell Programming, Php, HACK, JavaScript, ExpressJS, AngularJS, NodeJS, JQuery, Python, JSP, Ruby, CSS3, HTML5, Ajax