DEVANGI VILAS CHINCHANKAR

c.devangi@gmail.com | www.linkedin.com/in/c-devangi/ | https://cdevangi.github.io/

EDUCATION

Bachelor of Engineering, Computer Engineering **2014 -2018**
Cummins College of Engineering for Women, University of Pune (***Class Topper*** - *Year 1 & 2*) **CGPA: 3.86**

Coursework: Design and Analysis of Algorithms, Data Structures, Operating Systems, Database Management Systems, Theory of Computation, High-Performance Computing, Data Mining, Natural Language Processing, Object-Oriented Programming

EXPERIENCE

Assistant Manager | Citi Technology Centre, Pune **July '18 – Aug '19**

- Developed a one-stop application monitoring dashboard which sends alerts on anomalies, failures and analyzes the day's performance for developers and traders thereby boosting team efficiency by replacing the cumbersome manual logfile analysis method | Elasticsearch, Logstash, Kibana, Python
- Worked on a legacy C++ application for the Options Trading platform to handle the high-frequency low-latency communication channel between Citibank and different options exchanges | Extensive use of C++ templates, advanced concurrent programming and exchange protocols (FIX and Binary)
- Led a team of 10 new graduates in the design and development of an Order Lifecycle Tracking project | Elasticsearch, Kafka, Pyspark, HBase

Software Development Intern | Cummins India Ltd. **May '17 – June '17**

- Responsible for the improvisation of a legacy Generator Set(Genset) parameter handling interface |Visual Basic, MS Access
- Prepared data for analysis by performing cleaning, integration, and normalization | SQL, Weka, R
- Employed multivariate regression analysis in R for estimating energy costs of gensets and using it for devising energy-saving solutions

TECHNICAL SKILLS

Programming: Python, Java, C++, R, MATLAB **Web/Mobile Development:** HTML5, CSS, Bootstrap, JavaScript, NodeJS, ExpressJS
Databases: MySQL, MongoDB, HBase **Tools:** Atom, IntelliJ IDEA, Jupyter Notebook, Weka, Android Studio, Kibana, Git
Platforms: Linux, Windows **Frameworks/Libraries:** Tensorflow, NLTK, OpenCV

ADHOC COURSES

Complete Web Development Bootcamp, Udemy **May '19 – Aug '19** *ELK Stack,* Udemy **Aug '18 – Sept '18**
Machine Learning (Stanford University), Coursera **Jan '17 – March '17** *Android App Development,* Google **Dec '14 – Jan '15**

PROJECTS

Order Matching System, Citi *(Full-stack development | SQL, Java, Bootstrap, Javascript)* **July '18 – Aug '18**
- Developed a real-time Stock Order Matching system for determining successful trades which effectively simulates the process of that on an actual exchange by incorporating complex matching logic

Food Recognition using Deep Learning *(Computer Vision | Python, OpenCV, Tensorflow, Android)* **July '17 – May '18**
- Selected amongst 180 students for the faculty research project on Indian Food Recognition
- Identified Deep Convolutional Neural Networks as means of getting maximum accuracy in recognizing food items from images after extensive scrutiny of different methods; achieved an accuracy of 98.4 %

SEMINARS AND PUBLICATIONS

"*Survey of Different Approaches used for Food Recognition,*" Lecture Notes in Networks and Systems, vol 40. Springer, Singapore (Proceedings of Third International Conference on ICTCS 2017) **2018**

"*Curious Chatbots with Voice Interface and Facial Expressions,*" Cummins College of Engineering for Women, Pune **2017**

EXTRACURRICULAR

- Animal Rescue Volunteer at ResQ, an animal welfare organization **2015 - Present**
- Sponsorer of education of one underprivileged school student per year **2016 - Present**