

# Priyank Arora

pyk18.github.io

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## Education

University of Texas at Arlington *Arlington, TX*

Aug 2017 - Dec 2019

- Master of Science (MS) in Computer Science (3.68 GPA)
- Specialization: Software Engineering and Database Systems
- Relevant Courses: Computer Algorithms, Database Systems, DBMS, Cloud Computing, Big Data. Software Engineering (Agile, SCRUM, CICD, ETL), Software Testing (Unit Test, Integration Test, System Test, TDD), Adv. Software Engineering (Multi-Threading, Multitasking, Concurrent Programming)
- "Claim Portal: Integrated Monitoring, Searching, Checking, and Analytics of Factual Claims on Twitter," Association of Computer Linguistics, 2019

## Experience

Cerner - Software Engineer *Kansas City, MO*

Feb 2020 – present

- Work full stack on products of millennium software.
- Designed and implemented a caching framework to handle loads of millions of requests per day.
- Maintained and improved the quality of central backend product code, used to aggregate the present user calls across platform services

TeamF1 Networks - Software Developer *Hyderabad, India*

Feb 2015 - Dec 2016

- Innovated unique switching solution that increase the packet handling on Layer 4 by 35% and increase box throughput by 15%.
- Implemented the Internationalization feature on Wireless Controller devices. By using C and SQL language.
- Enhancement in firmware deployment through HTTP, TFTP and UFTP to enables concurrent handling of up to **1000 boxes**. Integrated code with the **Amazon AWS** cloud services for automatic deployment to IOT devices
- Added payment gateway option the Wireless controller device serving as underlying solution for client to enable captive portal.

Xilinx - Software Intern *Hyderabad, India*

Aug 2013 - Feb 2015

- Take part in creating the firmware release and generating reports using petalinux packaging tool and Vivado SDK

## Projects

Game Design – Above and Below

- Built a Java-based multiplayer board game for Desktop and Android using LibGDX library.

Claimportal – Tracking the fact-worthiness of US politician A web-portal for live tracking of the fact-worthiness of tweets from different politician of USA.

- Visualization of different groups e.g. Democrats Vs Republicans. Senators, Governors, and President of USA.

HackUTA – Tweeter Bot for Crypto Price predictions

- In a 24-hour Hackathon, implemented a twitter bot to predict the price of Cryptocurrency for future.
- Twitter handle for the bot @hackuta2

MacReservation – Mobile App in Java for Android team project

- Implemented the Mobile app for Facility reservations of Maverick Activity Centre
- Designed the backend support for the app on cloud, exposed by RESTful API

More projects and information available at [www.github.com/pyk18](http://www.github.com/pyk18)

## Skills

Languages

- Python, C, C++, Java, Ruby, Groovy, JavaScript, HTML/CSS3

Technologies

- Node.js, Express, React, React Native, React, JQuery, Socket.io, Flow, Jenkins, Github, Azure, AWS, Google Cloud, IBM Bluemix, Kubernetes, Docker

## Recognitions

- Distinguished Student Scholarship  
Obtained this scholarship as recognition to my work in Claimportal project
- Graduate Teaching Assistant  
Achieved the highest grades in Computer Science courses which landed a competitive graduate teaching assistant job
- Maverick Scholarship  
Secured prestigious scholarship for International students with high score and grades in CS courses