

APURV PAREKH

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EDUCATION

University of Central Florida, Orlando, Florida

Graduate, Department of Computer Science

May 2019

GPA: 3.67/4.00

University of Pune, India

Undergraduate, Computer Science

May 2015

PROJECTS

WeatherCast

 [Demo](#)

- WeatherCast is a web application to check the Real Time weather condition based on user's current location or user can search for any other location across the globe. User can see hourly, daily, and weekly weather information at a location instantaneously.
- Worked on IPStack API to obtain user location data based on current IP address.
- Powered by Here maps and DarkSky API and developed in AngularJS and Java Spring.

Environmental Monitoring using AWS IOT and DHT11

- Worked on ESP32 micro-controller, DHT11 partical sensor and NEO-6M GPS sensor to read temperature, humidity and other parameters for current location.
- Worked on AWS_IOT to securely read the data from device and store it into AWS DynamoDB.
- Implemented AWS Lambda function and created a REST endpoint for Web Applications to read the data from DynamoDB.

Rethinking Virtual Memory for Disaggregated Memory Systems

- The project aims to exploit the temporal locality to improve the performance of virtual memory in disaggregated memory system
- Worked on pre-fetching for multilevel page table in C++ and Structural Simulation Toolkit to reduce the memory accesses during address translation.

EXPERIENCE

Cognizant Technology Solutions, Pune, India

Jan 2016 - Aug 2017

Programmer Analyst

- One-Communicator is interactive communication channel designed to facilitate automatic communication via Email, SMS, Email using single service call.
- Worked on Problem Management tickets to provide customer support
- Worked with Application Value Management team improve the application stability and functionality.

TECHNICAL SKILLS

Programming and Scripting Languages
Frameworks, Libraries & Tools

Java, C/C++, Bash, JavaScript, SQL, HTML
BootStrap, AngularJs, Git, Maven

EXTRA-CURRICULAR

- Working as Teaching Assistant for Algorithm Design(CS II) and Data Structures (CS I)
- Participate in various programming contests and spend good time on problem solving.

 [Hackerrank](#)  [Github](#)  [UvaHunt](#)