

# Ankita Gadage

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## SUMMARY

CS graduate student looking for full-time Software Engineer roles.  
3 years of work experience as a Software Engineer.  
Skilled in C/C++, Python, Java, Data Mining, OS, and Blockchain.

## EDUCATION

### SYRACUSE UNIVERSITY

#### MS IN COMPUTER SCIENCE

Grad. May 2019 | Syracuse, NY  
GPA: 3.81/4

### UNIVERSITY OF PUNE

#### BS IN COMPUTER SCIENCE

Grad. May 2013 | Mumbai, India  
GPA: 3.2/4

## LINKS

Github:// ankitagadage  
LinkedIn:// ankita-gadage

## COURSEWORK

### GRADUATE

Design and Analysis of Algorithm  
Kernel programming  
Social Media and Data mining  
Computer Security  
Block Chain and Crypto Currency  
Structured Programming & Formal Methods  
Operating System

## SKILLS

### PROGRAMMING

C++ • Python • Java • C# • HTML  
• CSS JavaScript • PL/SQL • Solidity

### OPERATING SYSTEM

Linux • Windows • MacOS

### IDE'S

QT Creator • Eclipse • XCode  
• Visual Studio • Rational Rhapsody

### LIBRARIES

STL • NumPy • Pandas • Bokeh  
Beautiful Soup

## EXPERIENCE

### SYRACUSE UNIVERSITY | TEACHING ASSISTANT

Aug 2018 – Present | Syracuse, NY

#### Social Media Data Mining/Python Programming

- Working with Professor Dr. Edmund S. Yu and Professor Dr. Duane L Marcy to mentor CSE undergraduate students.

### TATA POWER SED | SOFTWARE ENGINEER

July 2014 – July 2017 | Mumbai, India

#### Node Manager

- Developed system application that spawn's custom process binaries on startup based on user input.  
It monitors the started processes for there health and sends a diagnostic report to the UI.
- Implements the recovery methods for potential software problems like system crashes or bugs. The application saves the system state at regular time intervals and restores it when required.  
Technologies Used: C++, Data Distribution service protocol, and Rhapsody.

#### Network Health Monitoring System

- Created an application that aggregates data and displays the health of connected machines in the network on a UI.
- Handles user requests to search critical logs from the database generated by various systems in the network.
- Upload binaries to target machine in the network. Performs remote system diagnostics.  
Technologies Used: C++, QT creator, Data distribution service protocol.

## PROJECTS

### Data Mining

Created a python script for movie sentiment analysis. Reviewed data collected from YouTube, IMDB, TMDB, and Facebook.

Technologies Used: Python, Natural Language Processing, and Bokeh library.

### Operating System

Implemented system call like EXIT, EXECV, and JOIN in JNACHOS OS.

Page replacement algorithm LRU and Paging technique are implemented in JNACHOS.

Implemented fast file system in JNACHOS to decrease the speed of file access by half.

Technologies Used: Java, JNACHOS, and Eclipse.

### Object Oriented Design in C++

Developed NoSQL repository storage with features like check-in, check-out, version, and browse files. Technologies Used: C++, Visual Studio, and NoSQL.

### Internet Programming

Created a stories website. Stories can be iterated using arrow controls. Each story block is a container for an image or image montage and text. Technologies used: .Net, Visual studio, Bootstrap, CSS, HTML, MVC, and Entity and Identity framework.

### Blockchain Projects

Developed a crypto-currency "FlipCoin" using Blockchain technology.

Technologies Used: Python, Solidity, and Ethereum.

### Fleet Management System

Developed two android apps to track the location of the remote vehicle (Driver App) and to display the path traversed (Owner App). Technologies Used: Eclipse and Java.