

BHARGAVI PATEL

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EDUCATION

Master's in Computer Science, State University Of New York at Albany, USA (GPA: 3.25) Anticipated: May 2019

Relevant Course-work: Database Systems, Algorithms and Data Structures, Operating Systems, Software Engineering, Advanced Programming Concepts, Cryptography, Theory of Computation, System Architecture, Artificial Intelligence

Bachelor's in Computer Science & Engineering, Babaria Institute of Technology, India (GPA: 3.3) May 2017

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, J2EE (Servlet, JDBC, JSP), JavaScript

Web Technologies: Android, HTML, CSS, PHP XML, Bootstrap, MATLAB, JSON

Frameworks: MVC, Hibernate, Spring

Operating Systems: Windows XP/7/8/10, MAC OS X, Linux

Database: MS Access, MySQL, Firebase, Simple DB,

Tools: Eclipse, NetBeans, Android Studio, PyCharm, MS Office Tableau, JIRA

Version Control: Git

WORK EXPERIENCE

STUDENT TEACHING ASSISTANT - UNIVERSITY AT ALBANY

Aug 2018 – Dec 2018

• Responsible for teaching students during their lab sessions, to help them with any difficulty they face in their coursework for Course Introduction to Computer Science CSI-201. Basically, by conducting the lab sessions I was responsible to teach students basics of Java Programming. Also, my role was to grade their lab reports, homework assignments as well as their exams. On top of that I used to proctor them during exams. Also, used to help professor in setting up assignments

ANDROID APPLICATION DEVELOPER – INTERN

May 2016 – April 2017

VERTICAL 22 Visual Branding and Web Solutions, India

• Worked on development of mobile application for rental car which enables users to book car and allows them to drive it on their own providing them with sense of privacy and freedom to travel as per their choice

Technologies: Java, Android, Firebase database, HTML5, CSS3

ACADEMIC PROJECTS

- **Face Recognition and Emotion Detection** Aug 2018 – Dec 2018
 - Detecting and recognizing faces in images, videos as well as through live webcam, along-with recognizing facial expressions or emotions using TensorFlow in combination with CNN, HOG, Faster-RCNN with Fer2013 dataset

Technologies: Python, TensorFlow API, Fer2013 Dataset
- **uTest by Applause Project** Aug 2018 – Dec 2018
 - Testing websites to find bugs using Charles Proxy. Retrieving log files using iOS Console, used JIRA to capture and organize team's issues, used Selenium for automating web application for testing.

Tools: JIRA, iOS Console, Selenium, Zephyr, Handbrake
- **Ualbany Hangouts** Jan 2018 – May 2018
 - Developed a web application which enables users in getting involved with people having similar interests by creating groups and getting along to create thriving communities. A person can create or join Hangout based on their interest
 - Developed using MVC architecture, J2EE concepts, Bootstrap for Front-end and PHP for back-end development

Technologies: Java, JSP, jQuery, JSON, Servlet, Bootstrap, PHP, HTML5, CSS3 **Database:** MySQL
- **Simple DB** Sept 2017 – Dec 2017
 - Simple DB is multi-user transactional database server written in Java, which enables interaction with Java client programs via JDBC. A basic database management system written and implemented in Java.

Technology: Java **Database:** MySQL
- **Miles: Android Application for Rental Car** Nov 2016 - April 2017
 - An android application which enables user to upload their car for rent or allows them to even rent one for themselves. Users can search cars from varied options based on types of cars, location and budget, along-with this they can book car for a certain time period. Additionally, it provides users with nearby attractions or food places based on the time preference they mention. Worked as Full Stack Developer

Technologies: Android, Java, HTML5, CSS3 **Database:** Firebase which is real-time cloud-based database
- **Website for Reviewing and Rating Physicians** Feb 2015 – April 2015
 - A user-friendly website which enables users to rate physicians based on their experience. This in-turn will help other users to choose the best physician based on their needs.

Technologies: Java, HTML, CSS **Database:** MySQL Plus