SAKET SUNIL CHINCHALIKAR

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EDUCATION

Binghamton University, State University of New York, Watson School of Engineering **August 2018 - May 2020**
Master of Science: Computer Science **GPA: 3.16/4.00**

- Courses: Programming for Web, Design and Analysis of Algorithm, Programming Languages, Operating Systems, Internet of things, Computer Organization and Architecture

Mumbai University, Mumbai, Maharashtra, India **August 2013 - May 2017**
Bachelor of Engineering: Computer Engineering **GPA: 3.50/4.00**

- Courses: Analysis of Algorithm, Distributed Databases, Object Oriented Programming Methodology, Programming Languages, Software Engineering, Operating Systems

TECHNICAL SKILLS

JavaScript, Java, RESTful Services, MySQL, React.js, Node.js, CSS3, HTML5, jQuery, JSON, Express.js, AJAX, MongoDB, AWS, Make, Gdb, Valgrind, Git, XCode, Eclipse, Linux, Microsoft Windows 7, Microsoft Windows 10, MacOS

PROFESSIONAL EXPERIENCE

Graduate Student Assistant | Watson School Dean's Office, Binghamton University **March 2020 - Present**

- Assisting Watson School's recruitment team to counsel international students over helping them in admission process and instruct in college procedures
- Developing, maintaining and entering information into databases and update it accordingly
- Aiding with client reception as needed

Computer Programmer | Global Health Impact Project, Binghamton University **October 2019 - January 2020**

- Enhanced website usability by adding new functionalities using Python, HTML, CSS, JavaScript, and React.js (JavaScript framework) of Global Health Impact Project
- Programmed software applications and constructed statistical models to automate data collection/analysis process for global health impact index operating SQLite
- Designed a forecasting tool to evaluate products impact on global health. Also, involved in documentation process of the code for future programmers to help understand working of the project.

ACADEMIC PROJECTS

Student Database Application, Java. **August 2019 – December 2019**

- Created a database application implemented in Java to manage student registrations and enrollments
- Applied Object oriented programming concepts and Java functionalities to devise students unique ID, enrollment in the courses
- It computes student's tuition fees according to the courses enrolled and provides payment methods. Also, exhibits status of each student once registration is completed

URL Shortening, Programming for Web. **January 2019 - May 2019**

- Built an Url-shortener using JavaScript, MongoDB (NoSQL) database and Node.js
- Developed an algorithm for shortening of a long URL. Utilized MongoDB database to save and efficiently retrieve corresponding long URLs, that persist across program runs
- Also, implemented the project using REST APIs so it can be leveraged as a plugin in other systems

Google Voice Assistant Controlled Robot (G-Bot), Internet of Things. **August 2018 – December 2018**

- Co-ordinated in a group of three to design an application of Internet of Things in real-world
- Integrated code on Arduino IDE with Wemos D1 Wi-Fi board for practical implementation by programming the robot to perform specific actions recognizing user's input voice command
- YouTube link of the project is mentioned below
  https://www.youtube.com/watch?v=NByymAApOHY&feature=youtu.be

PUBLICATIONS AND CERTIFICATIONS

- IMAC Certification, effectively completed training on Basics of Mac & iOS App Development **October 2015**
- Published a paper titled Internet of things for new Generation Smart Cities in the National Conference on Smart Cities (NCSC'17). organized by computer Department at Bharat College of Engineering, Maharashtra **March 2017**
- Successfully completed an online course of AWS Concepts on Udemy **April 2017**

EXTRA CURRICULAR

- **Core Member & Volunteer, National Service Scheme:** NSS-Atharva, Undergraduate University **August 2014 – May 2016**
- S**tudent Worker, Sodexo:** Dining and Catering Services, Graduate University **October 2018 – February 2020**